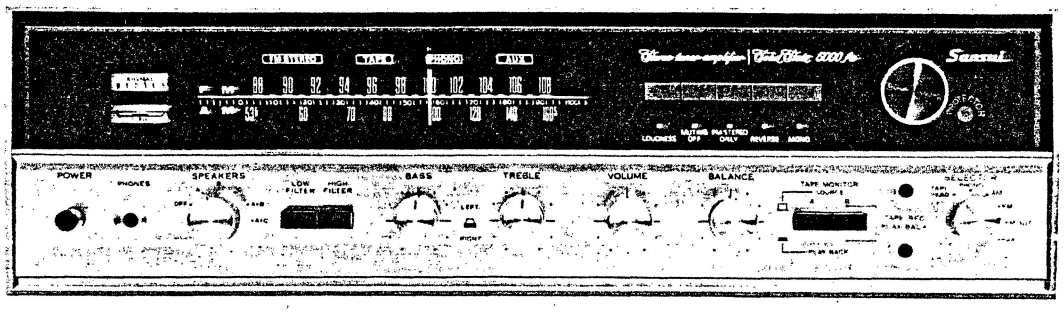
SERVICE MANUAL

SOLID-STATE AM/FM STEREO TUNER AMPLIFIER

SANSUI 5000A



Sansui

SANSUI ELECTRIC COMPANY LIMITED

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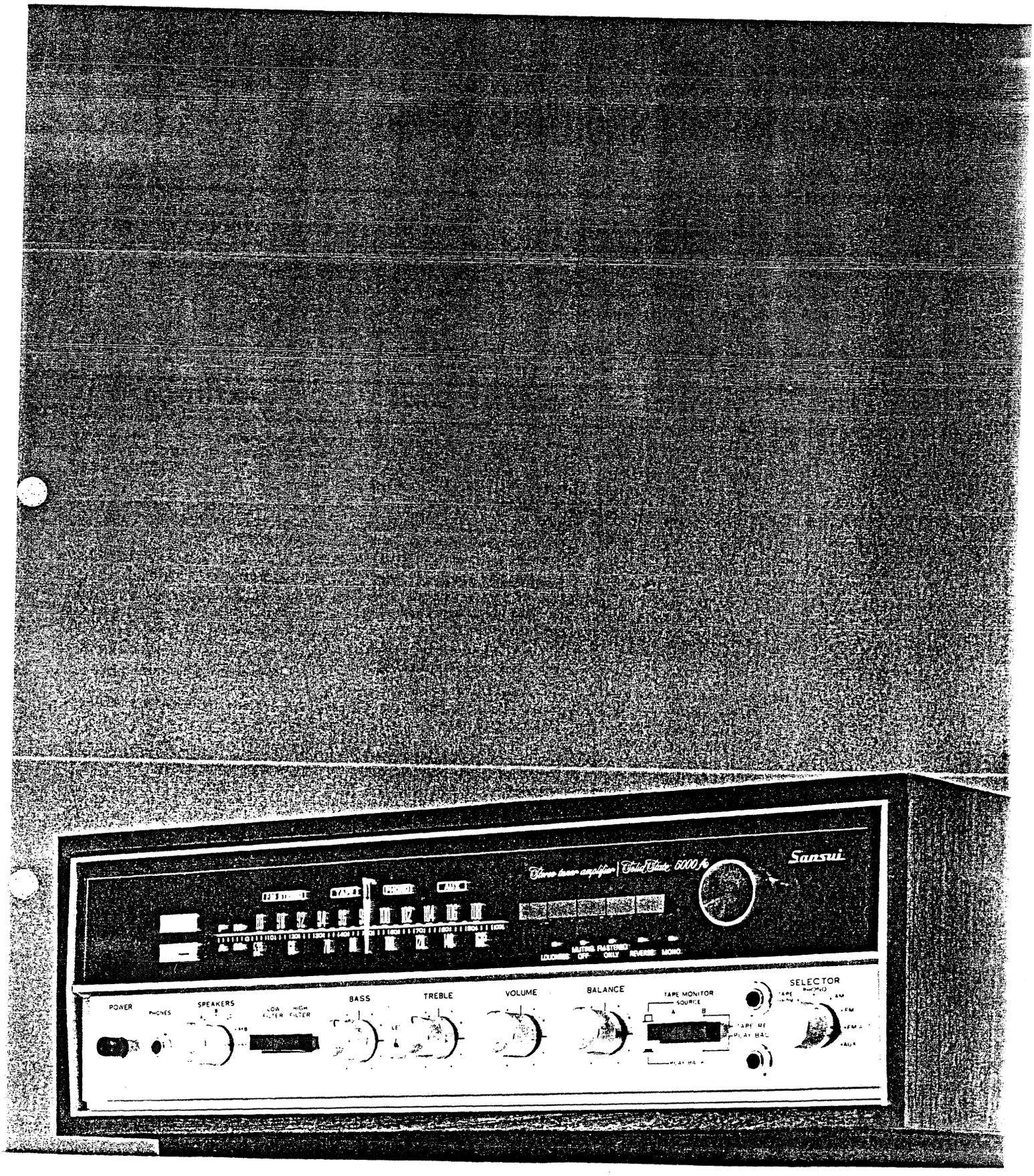

Sansui
POWER
PHONES
SPEAKERS
BASS
TREBLE
VOLUME
BALANCE
TAPE MONITOR
SOURCE
SELECTOR
MUTING
OFF
REVERSE
MONO

GENERAL TROUBLESHOOTING CHART

If the amplifier is otherwise operating satisfactorily, the more common causes of trouble may generally be attributed to the following:

1. Incorrect connections or loose terminal contacts. Check the speakers, record player, tape recorder, antenna and line cord.
2. Improper operation. Before operating any audio component, be sure to read the manufacturer's instructions.
3. Improper location of audio components. The proper positioning of components, such as speakers and turntable, is vital to stereo.
4. Defective audio components.

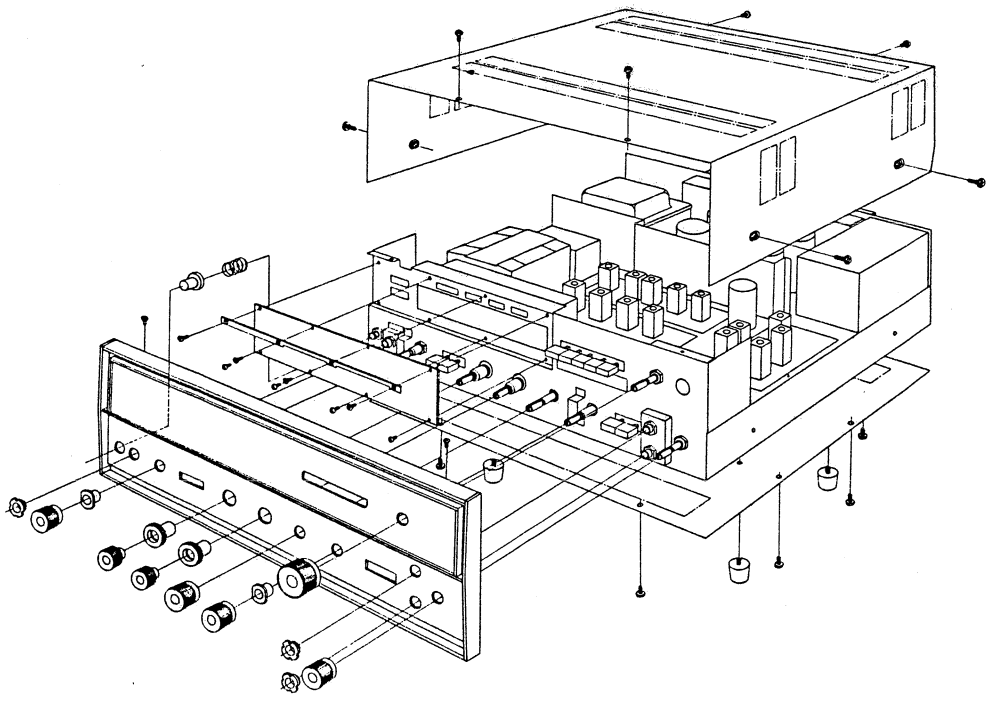
The following are some other common causes of malefunction and what to do about them.

PROGRAM	SYMPTOM	PROBABLE CAUSE	WHAT TO DO
AM, FM or MPX reception	A. Constant or intermittent noise heard at times or in a certain area	* Discharge or oscillation caused by electrical appliances, such as fluorescent lamp, TV set, D.C. motor rectifier or oscillator * Natural phenomena, such as atmospheric static or thunderbolts * Insufficient antenna input due to ferr oconcrete wall or long distance from the station * Wave interference from other electrical appliances	* Attach a noise limiter to the electrical appliance causing the noise, or attach it to the amplifiers power source * Install an outdoor antenna and ground the amplifier to raise the signal-to-noise ratio * Reverse the power cord plug-receptacle connections * If the noise occurs at a certain frequency, attach a wave trap to the ANT. input * Keep the set at a proper distance from other electrical appliances
	B. The needle of the signal and tune meter does not move sharply	* Receiver is located in a weak signal area	* Place the set to Receive maximum signal strength
	C. The zero point of the meter diverges much	* Regional difference in field intensity	* The unit is not at fault
AM reception	A. Noise heard at a particular time of a day, in a certain area or over part of dial	* Due to the nature of AM broadcasts	* Install the antenna for maximum antenna efficiency. See "ANTENNA" in the operating instructions * In some cases, the noise can be eliminated by grounding the amplifier or reversing the power cord plug-receptacle connections
	B. High-frequency noise	* Adjacent-channel interference or beat interference * TV set too close to audio system	* Although such noise cannot be eliminated by the amplifier, it is advisable to adjust the TREBLE control from midpoint to left and switch on the HIGH FILTER * Keep the TV set at a proper distance from the audio system
FM reception	A. Noisy	* Poor noise limiter effect or too low SN ratio due to insufficient antenna input Note: FM reception is affected considerably by transmission conditions of stations: power and antenna efficiency. As a result, you may receive one station quite well while receiving another station poorly	* Install the antenna (attached) for maximum signal strength * If this does not prove effective, use an outdoor antenna designed exclusively for FM. When you use a TV antenna for both TV and FM with a divider, make sure TV reception is not affected * An excessively long antenna may cause noise

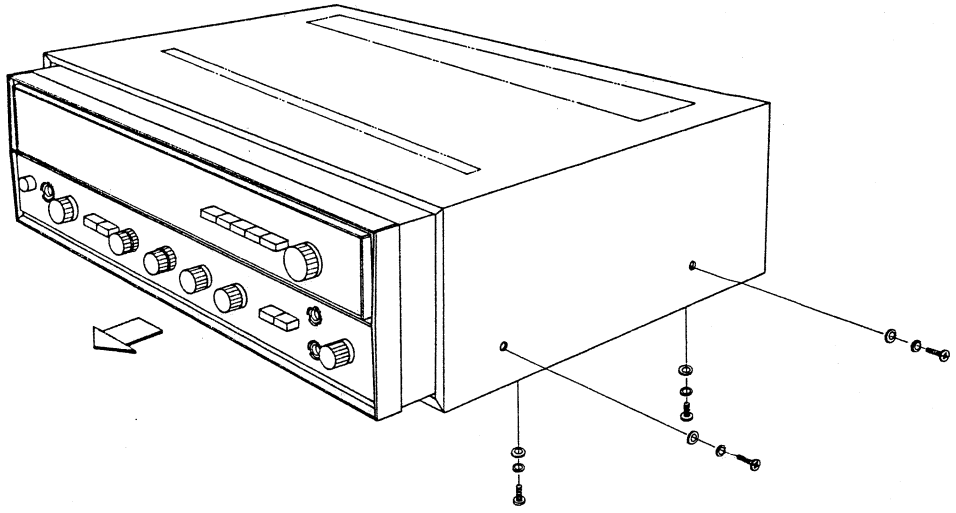
PROGRAM	SYMPTOM	PROBABLE CAUSE	WHAT TO DO
FM reception (cont'd)	B. Noise heard like "Scratch noise" heard	* Ignition noise caused by starting of an automobile engine	* Install the antenna and its lead-in wire in proper distance from the road or raise the antenna input as described above
	C. Tuning noise between stations	* This results from the nature of the FM reception. As the station signal becomes weak, the noise limiter effect is decreased, and the amplification of the limiter, in turn, is enlarged, generating a noise	* Turn the MUTING switch on. It reduces the sensitivity, and therefore it should be used sparingly
FM-MPX reception	A. Noise heard during FM-MPX reception while not heard during FM mono reception	* Weaker signal becaus the service area of the FM-MPX broadcast is only half that of the FM mono broadcast	* Install the antenna for maximum antenna input * Switch on the high filter and/or turn the TREBLE control from midpoint, left
	B. Clearness of channel separation is decreased during reception	* Excess heat	* Circulation of air is important to the amplifier. Be sure that air is flowing under the amplifier
	C. The stereo indicator blinks on and off	* Interference	* The indicator is not at fault, adjust VR_{401}
	D. The stereo indicator blinks on and off even though stereo station is not received	* Interference	* The indicator is not at fault, adjust VR_{401}
Record playing or tape playback	A. Hum or howling	* Record player placed directly on speaker * Wire other than shielded wire used * Loose terminal contact * Shielded wire too close to line cord, fluorescent lamp or other electrical appliances * Nearby amateur radio station or TV transmission antenna	* Place a cushion between the player and the speaker box or place them away from each other * The connecting shielded wire should be as short as possible * Switch on the LOW FILTER and adjust the BASS control from midpoint, left * Consult the nearest Radio Regulatory Bureau
	B. Surface noise	* Worn or old record * Worn needle * Needle dusty * Improper needle pressure	* Recondition the playback head of the tape recorder or the needle the record player * Adjust the TREBLE control from midpoint, left * HIGH FILTER on
All stereo programs	BALANCE control is not at midpoint when equal sound comes from left and right channels	* It is important to adjust for equal sound from both channels. It should not always be set to the midpoint	* Set the MONO switch to MONO and then set the BALANCE control to a position where equal sound comes from both channels

DISASSEMBLY PROCEDURE

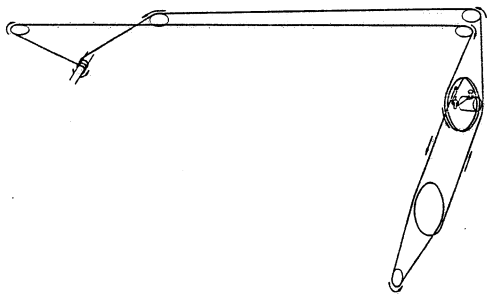
REMOVING THE FRONT PANEL, BONNET AND BOTTOM PLATE



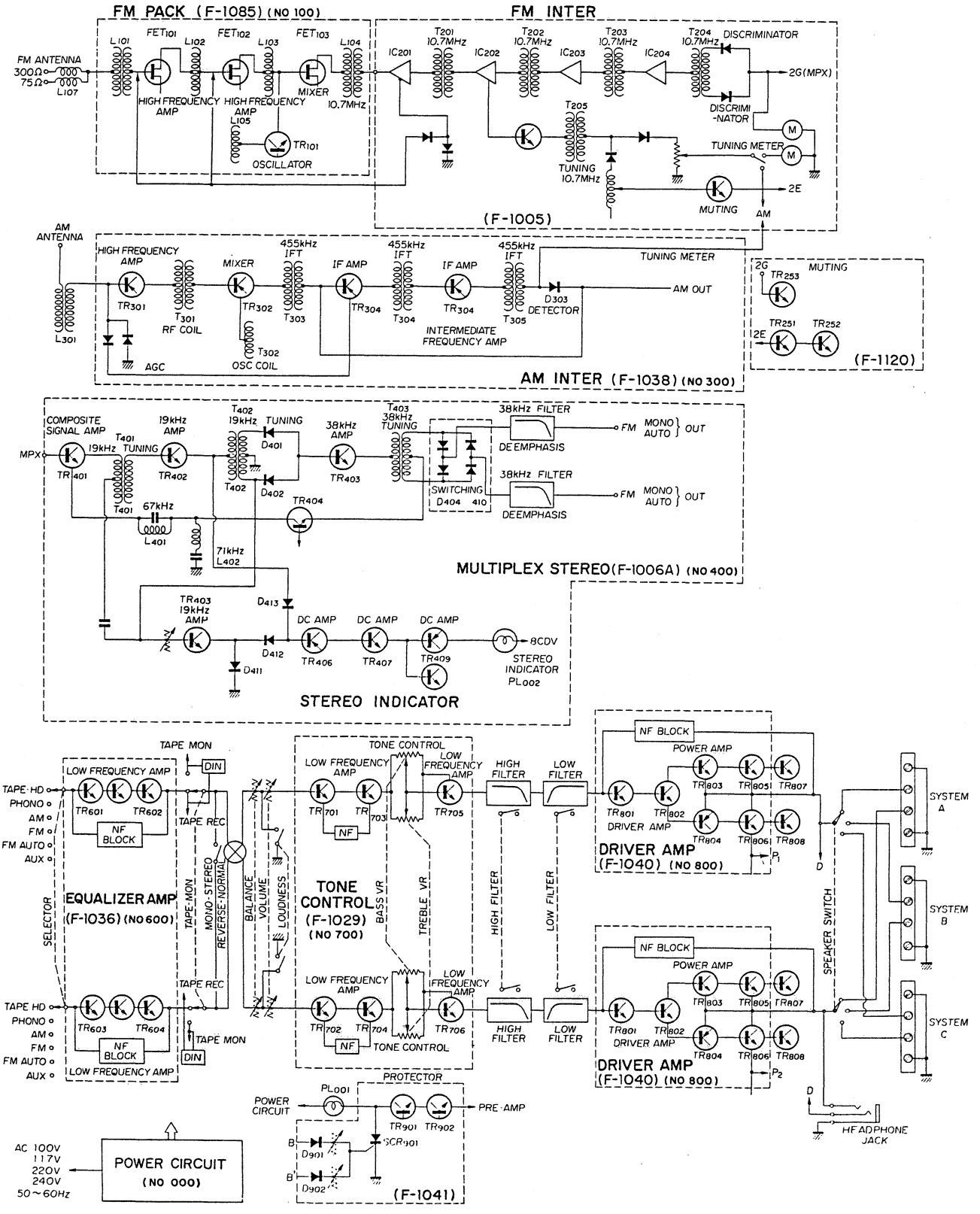
REMOVING THE WOOD CASE



DIAL MECHANISM



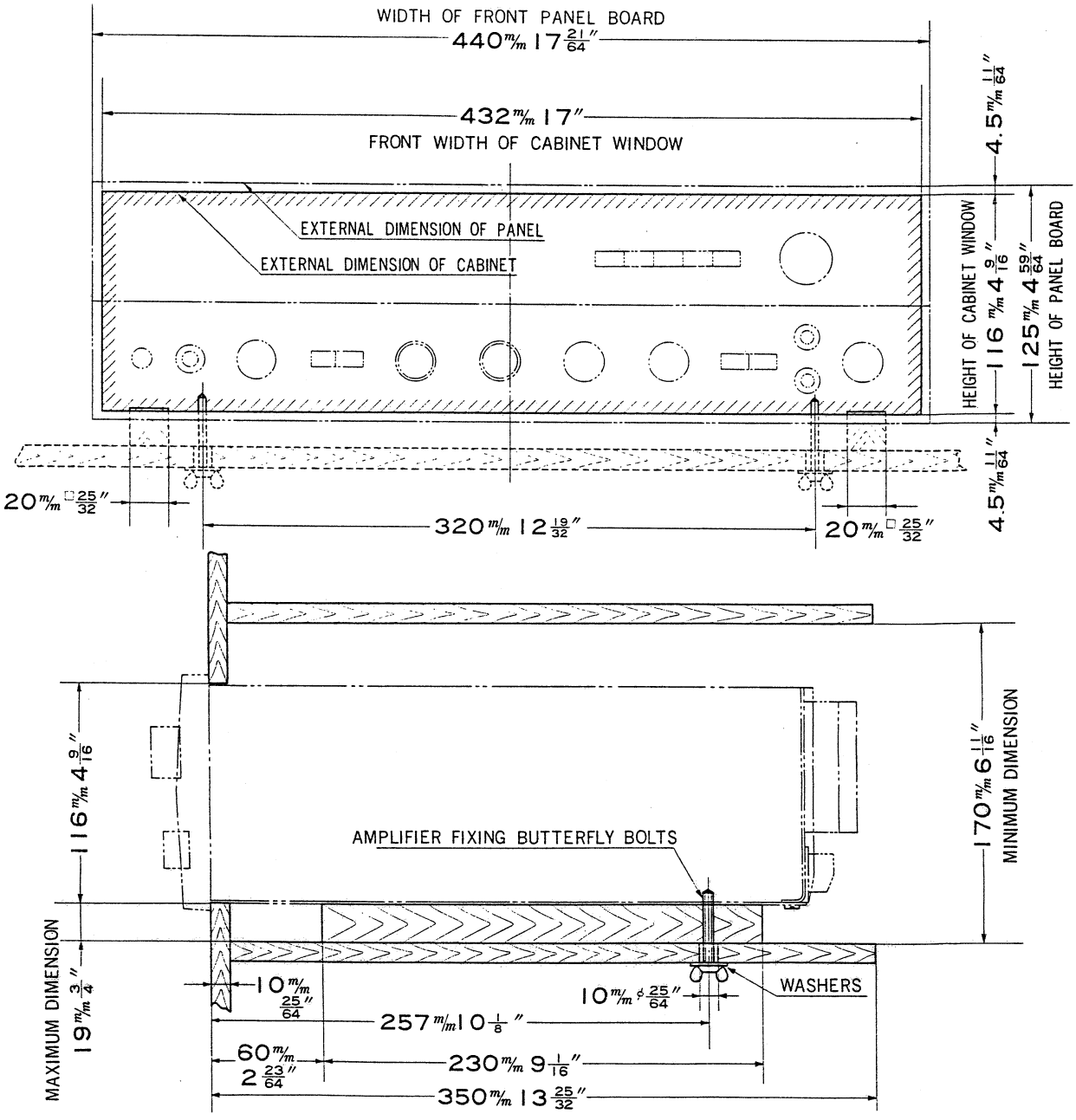
BLOCK DIAGRAM

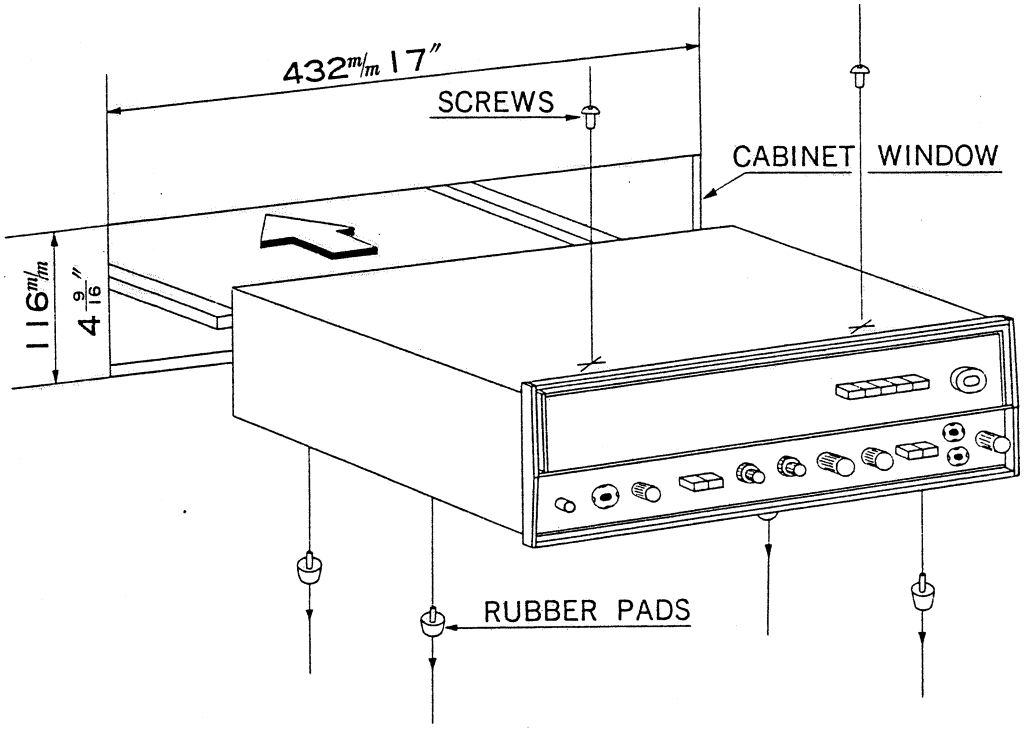


CUSTOM MOUNTING

This diagram shows the size and dimensions required for mounting the 5000A into a custommade cabinet. Note that ample space is provided for complete air circulation above and below the tuner.

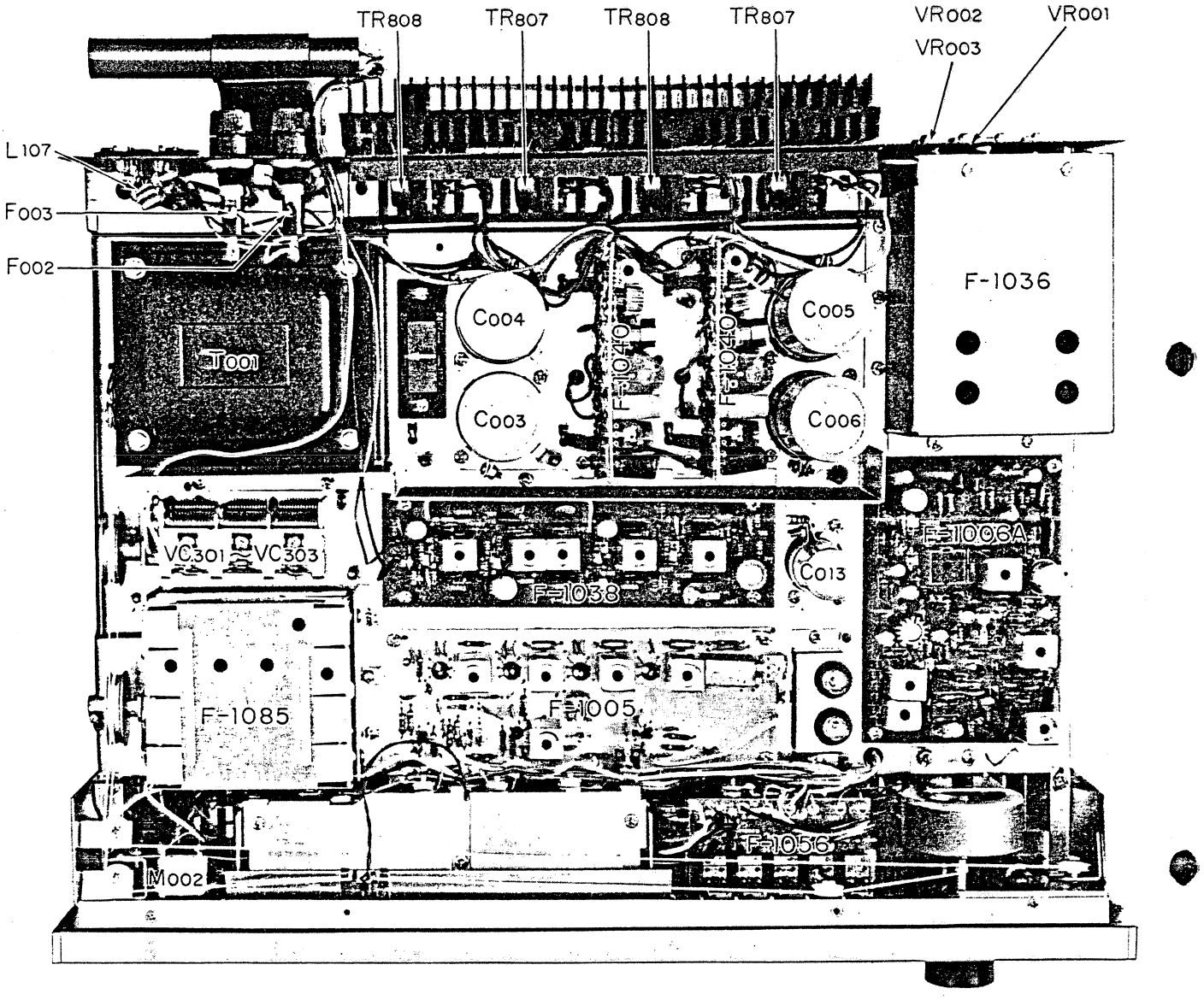
1. Be sure the cabinet window measures 17″ × 4 9/16″ as indicated in the diagram.
2. Place two boards on the floor of the cabinet as illustrated. Boards should measure 25/32″ × 25/32″ × 9 1/16″.
3. Drill two holes in the bottom of the cabinet at points corresponding to holes in the bottom of the tuner.
4. Remove the four rubber feet from the 5000A. (Retain for future use.)
5. Insert the 5000A into the cabinet through the window until the edges of its front panel are flush with the cabinet, and secure both tuner and cabinet with washers and butterfly bolts provided.

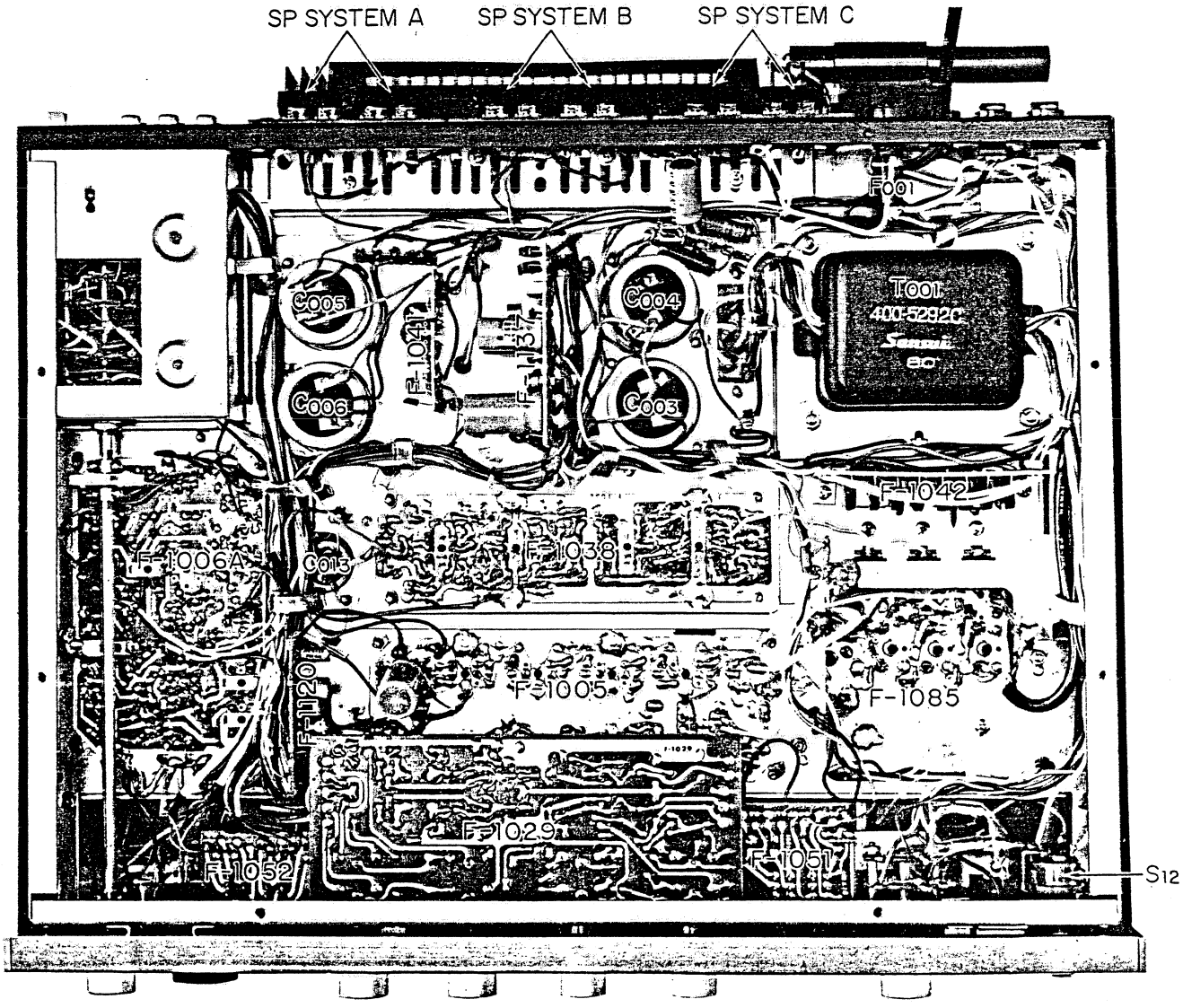




* To install the amplifier with a wood case in the cabinet, the wood case must first be removed as in the section entitled "Removing the Wood Case".

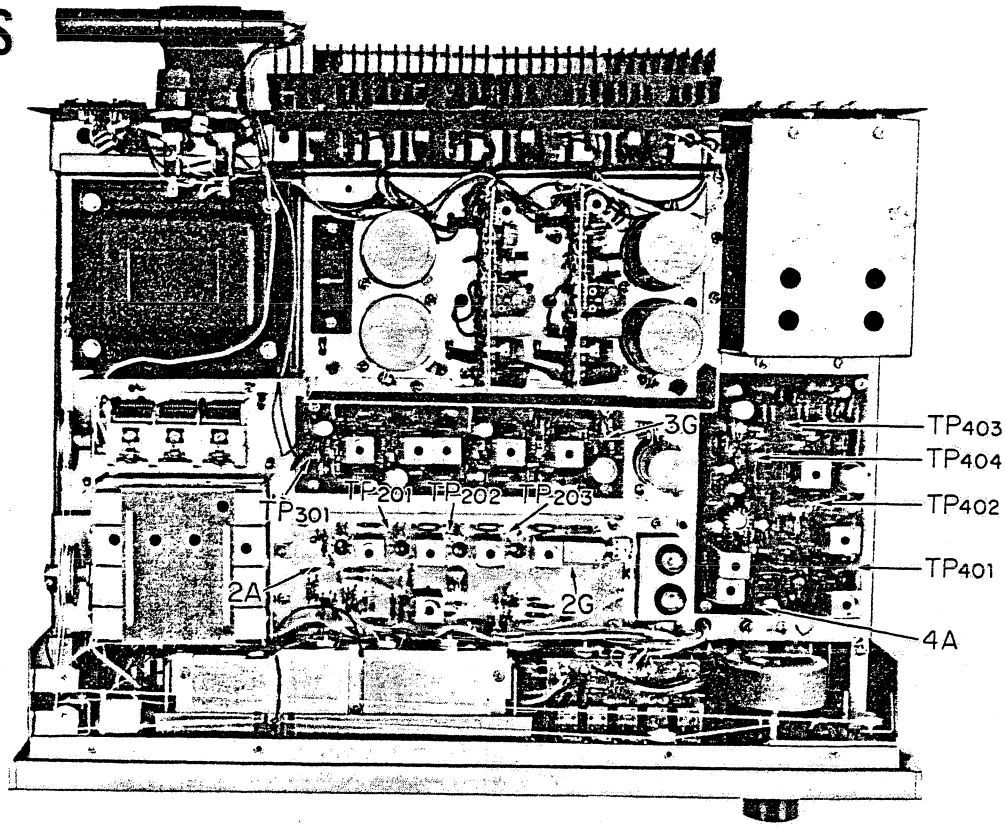
PARTS LAYOUT

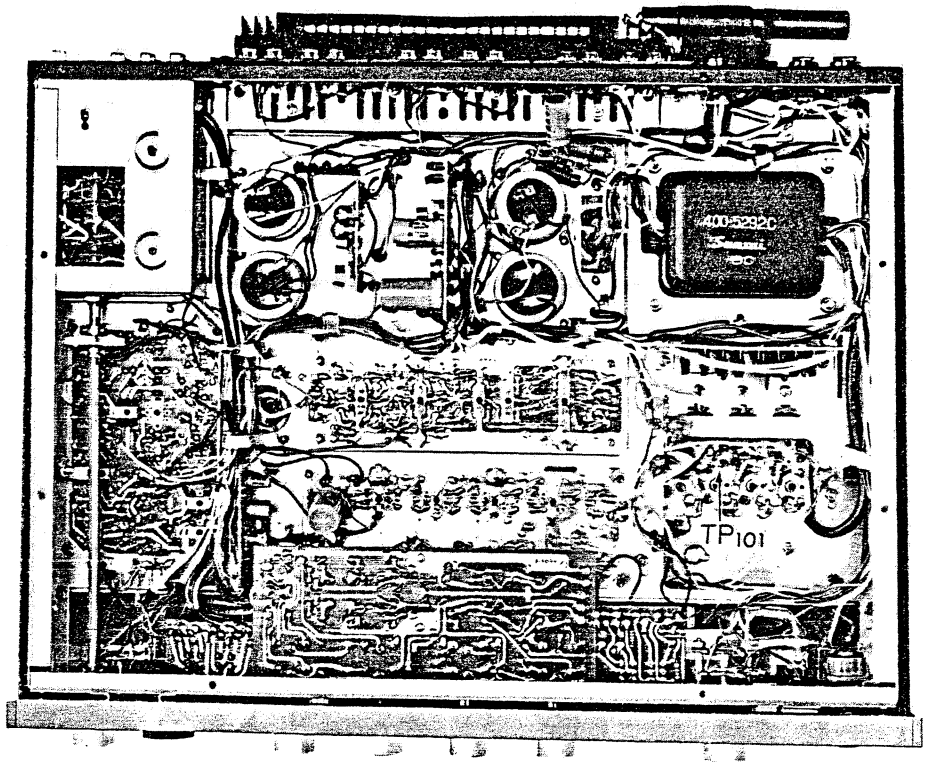



SP SYSTEM A
SP SYSTEM B
SP SYSTEM C
F001
T001
400-5292C
C005
C004
C006
C003
F-1041
F-1037
F-1042
F-1006A
C013
F-1038
F-1005
F-1085
F-1029
F-1052
F-1051
S12

ALIGNMENT

TEST POINTS



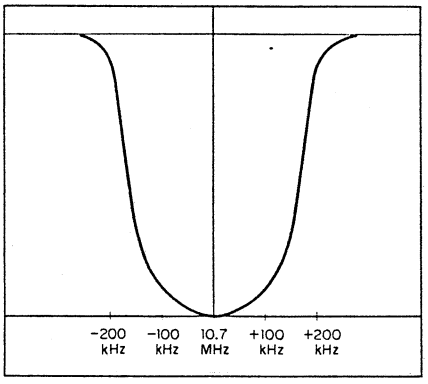


FM ALIGNMENT PROCEDURE

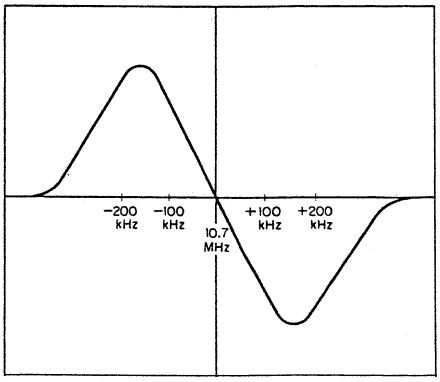
NOTE: To align, set the signal generator level to minimum.
Turn tuning gang fully.
Center carrier wave.
Set pointer at reference mark.

STEP	ALIGN	GENERATOR	FEED SIGNAL	OUTPUT INDICATOR	DIAL SETTING	ADJUST	ADJUST FOR
1.	IF Transformer	10.7 MHz ±200 kHz	Sweep signal is sent to TP_{101} via the 10pF ceramic condenser	Oscilloscope is connected to $TP_{201, 202}$ and $_{203}$ via the 10pF ceramic condenser with probe		Top and bottom sides of $T_{202, 203}$	Best I.F.T. wave form
2.	Discriminator	10.7 MHz ±200 kHz	Sweep signal is sent to TP_{101} via the 10pF ceramic condenser	Oscilloscope is connected to 2G		FM. Discriminator is transformer T_{204} top and bottom sides	S curve
3.	O.S.C	90 MHz 400 Hz 100% Modulation	To antenna terminals	Oscilloscope and V.T.V.M. at output load	90 MHz	O.S.C. coil L_{104}	Maximum
4.	O.S.C	106 MHz 400 Hz 100% Modulation	To antenna terminals	Oscilloscope and V.T.V.M. at output load	106 MHz	O.S.C. trimmer TC_{105}	Maximum
5.	Reiterate 3 and 4.						
6.	High-frequency Amp. Circuit	90 MHz 400 Hz 100% Modulation	To antenna terminals	Oscilloscope and V.T.V.M. at output load	90 MHz	Antenna coil L_{101}, L_{102} and L_{103}	Maximum
7.	High-frequency Amp. Circuit	106 MHz 400 Hz 100% Modulation	To antenna terminals	Oscilloscope and V.T.V.M. at output load	106 MHz	Trimmer TC_{101}, TC_{102}, TC_{103} and, TC_{104}	Maximum
8.	Reiterate 6 and 7.						

FM IF WAVE FORM



FM DISCRIMINATOR WAVE FORM



ALIGNMENT

FM MULTIPLEX ALIGNMENT PROCEDURE

1. Do not attempt to align the Multiplex Circuit unless the following equipment is available:

a. Multiplex Stereo Generator b. Oscilloscope c. AC. V.T.V.M. d. Audio Oscillator e. FM Signal Generator

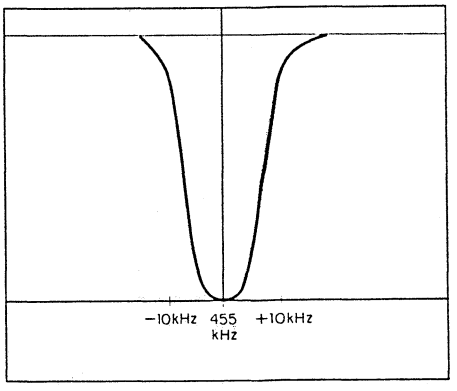
STEP	ALIGN	GENERATOR	FEED SIGNAL	OUTPUT INDICATOR	ADJUST	ADJUST FOR
1.	67 kHz Trap	67 kHz Audio Signal	Connect to TP_{4A}	V.T.V.M. at TP_{404}	L_{401}	Minimum
2.	71 kHz Trap	71 kHz Audio Signal	Connect to TP_{4A}	V.T.V.M. at TP_{404}	L_{402}	Minimum
3.	19 kHz Transformer	FM Signal Gen. Modulated 30% by STEREO Gen. sub-channel	Antenna terminals Tune to signal	V.T.V.M. and Oscilloscope at TP_{401}	T_{401}	Maximum
4.	19 kHz Transformer	FM Signal Gen. Modulated 30% by STEREO Gen. sub-channel	Antenna terminals Tune to signal	V.T.V.M. and Oscilloscope at TP_{402}	T_{402}	Maximum
5.	36 kHz Transformer	FM Signal Gen. Modulated 30% by STEREO Gen. sub-channel	Antenna terminals Tune to signal	V.T.V.M. and Oscilloscope at TP_{403}	T_{403}	Maximum
6.	38 kHz Transformer and Separation VR	FM Signal Gen. Modulated 30% by STEREO Signal Gen. channel-L	Antenna terminals Tune to signal	V.T.V.M. and Oscilloscope at output load channel-R	T_{402} within ¼ turn and Separation VR(VR_{001})	Channel-R Minimum

AM ALIGNMENT PROCEDURE

NOTE: To align, set the signal generator level to minimum.

STEP	ALIGN	GENERATOR	FEED SIGNAL	OUTPUT INDICATOR	DIAL SETTING	ADJUST	ADJUST FOR
1.	I.F. Transformer	455 kHz ±30 kHz Sweep-generator	Antenna terminals	Oscilloscope and V.T.V.M. at 3G		top and bottom sides from the 1st I.F.T. (T_{302}) to the 3rd I.F.T. ($_{304}$)	Best I.F.T. wave form
2.	O.S.C.	AM-generator 535 kHz 400 Hz 30% Modulation	Antenna terminals	Oscilloscope and V.T.V.M. at output load	535 kHz	O.S.C. Coil L_{302}	Maximum
3.	O.S.C.	AM-generator 1600 kHz 400 Hz 30% Modulation	Antenna terminals	Oscilloscope and V.T.V.M. at output load	1600 kHz	O.S.C. Trimmer TC_{303}	Maximum
4.	Reiterate 2 and 3						
5.	RF amp.	AM-generator 600 kHz 400 Hz 30% Modulation	Antenna terminals	Oscilloscope and V.T.V.M. at output load	600 kHz	RF transformer T_{301}	Maximum
6.	Antenna circuit	AM-generator 600 kHz 400 Hz 30% Modulation	Antenna terminals	Oscilloscope and V.T.V.M. at output load	600 kHz	Ferrite bar Antenna L_{301}	Maximum
7.	RF amp.	AM-generation 1400 kHz 400 Hz 30% Modulation	Antenna terminals	Oscilloscope and V.T.V.M. at output load	1400 kHz	RF Trimmer TC_{302}	Maximum
8.	Antenna circuit	AM-generation 1400 kHz 400 Hz 30% Modulation	Antenna terminals	Oscilloscope and V.T.V.M. at output load	1400 kHz	Antenna circuit Trimmer TC_{301}	Maximum
9.	Reiterate 5. 6. 7. 8.						

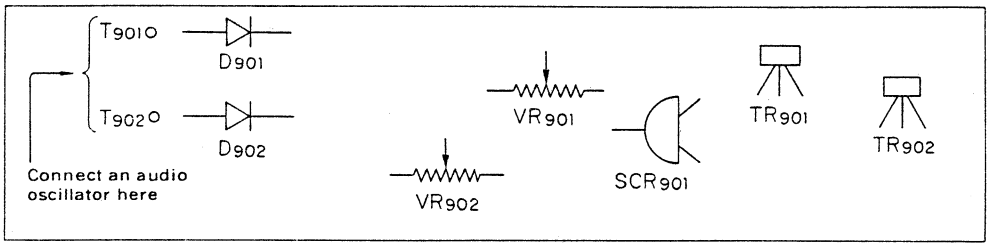
AM IF WAVE FORM



ALIGNMENT

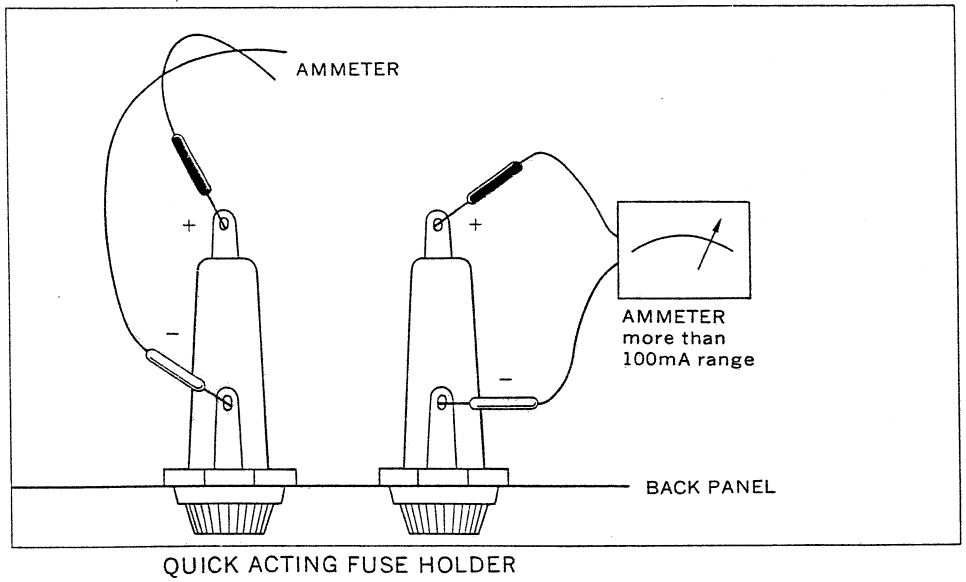
TO ADJUST THE PROTECTOR CIRCUIT (F-1041)

1. Remove wiring from T_{901} and T_{902}.
2. Send a 6-volt RMS signal (1 kHz) to T_{901} and adjust VR_{901} to make the protector lamp glow.
3. Send a 6-volt RMS signal (1 kHz) to T_{902} and adjust VR_{902} to make the protector lamp glow.
4. Attach wiring to T_{901} and T_{902} in its original place.



TO ADJUST THE BIAS CURRENT IN THE OUTPUT STAGE

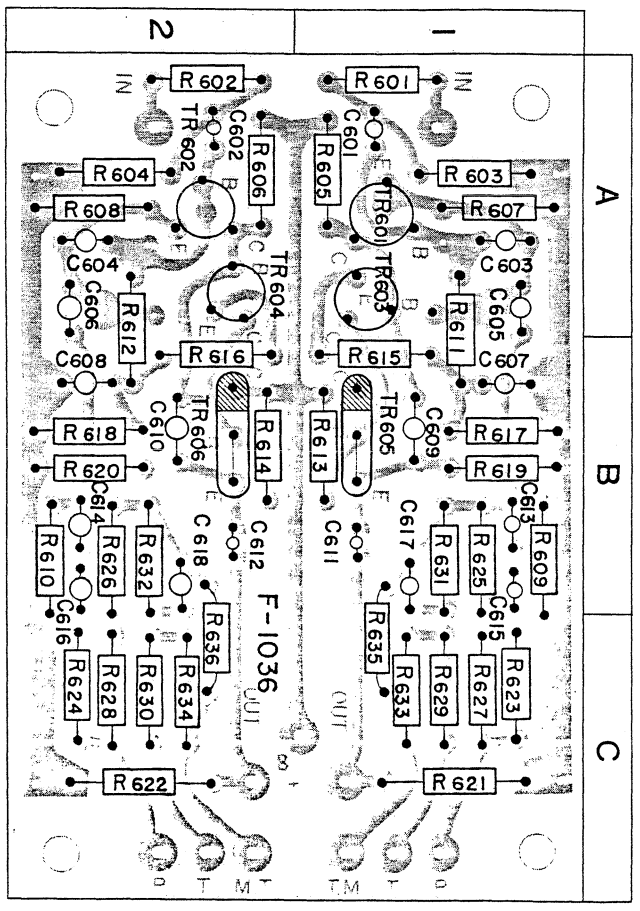
1. Set the MAIN VOL. control to the MINIMUM position.
2. Connect a resistor (approx. 10 ohms and 1 watt) to each of the SPEAKER output terminals.
3. Remove quick-acting fuse from its holder.
4. Connect an ammeter (about 100 milliamperes) to CHANNEL R as illustrated.
5. Adjust the VR_{802} on F-1040 sheet so that the ammeter indicates 23 milliamperes.
6. Remove the ammeter and secure the fuse in place.
7. Adjust CHANNEL L as above.



PRINTED CIRCUIT SHEETS AND PARTS LIST

X: Parts No. Y: Parts Name Z: Co-ordinates in Printed Circuit Sheets

F-1036 〈EQUALIZER AMP.〉

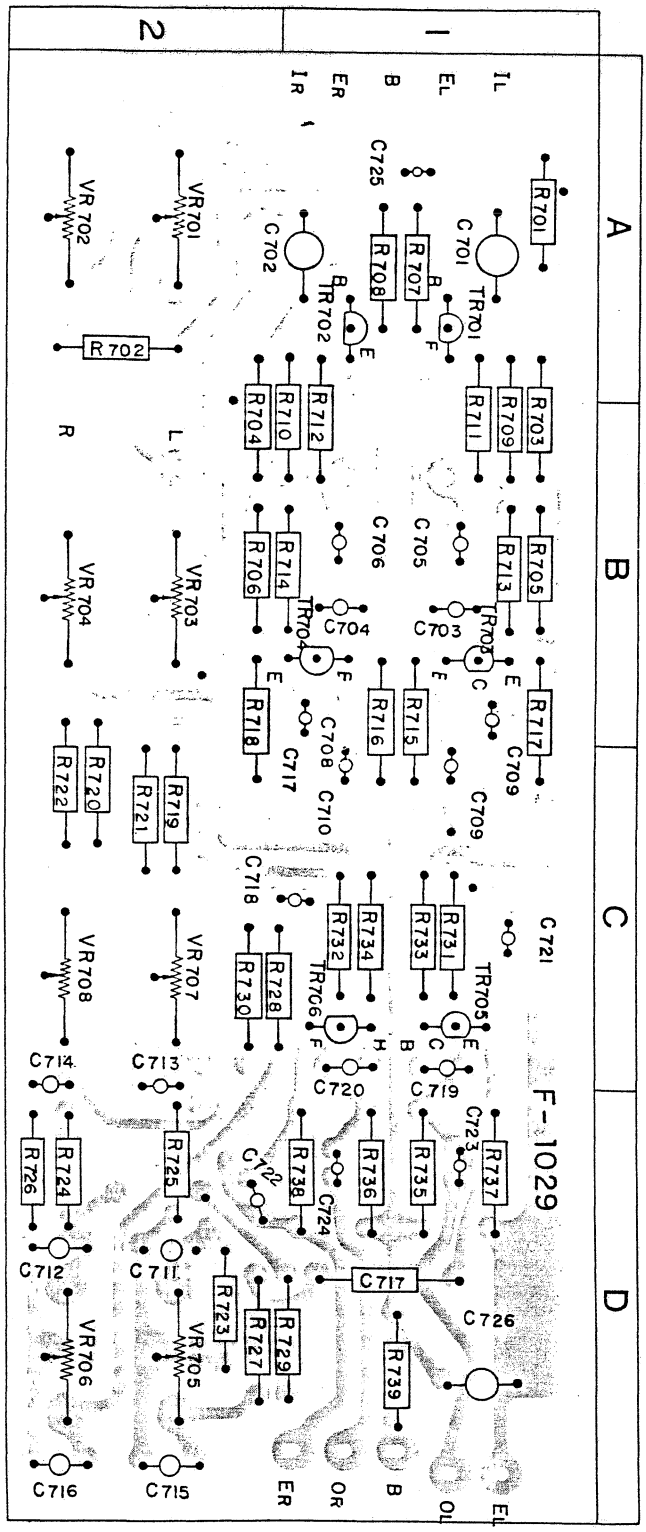


X	Y				Z
R601	1 kΩ	¼W	±10%	PREC. Fixed	1 A
R602	1 kΩ	¼W	±10%	PREC. Fixed	1 A
R603	680 kΩ	¼W	±10%	PREC. Fixed	1 A
R604	680 kΩ	¼W	±10%	PREC. Fixed	1 A

X	Y				Z
R605	220 kΩ	¼W	±10%	PREC. Fixed	1 A
R606	220 kΩ	¼W	±10%	PREC. Fixed	1 A
R607	1 kΩ	¼W	±10%	PREC. Fixed	1 A
R608	1 kΩ	¼W	±10%	PREC. Fixed	1 A
R609	470 Ω	¼W	±10%	PREC. Fixed	1 B
R610	470 Ω	¼W	±10%	PREC. Fixed	1 B
R611	270 kΩ	¼W	±10%	PREC. Fixed	1 A, B
R612	270 kΩ	¼W	±10%	PREC. Fixed	1 A, B
R613	33 kΩ	¼W	±10%	PREC. Fixed	1 B
R614	33 kΩ	¼W	±10%	PREC. Fixed	1 B
R615	680 Ω	¼W	±10%	PREC. Fixed	1 B
R616	680 Ω	¼W	±10%	PREC. Fixed	1 B
R617	2.2 kΩ	¼W	±10%	PREC. Fixed	1 B
R618	2.2 kΩ	¼W	±10%	PREC. Fixed	1 B
R619	3.9 kΩ	¼W	±10%	PREC. Fixed	1 B
R620	3.9 kΩ	¼W	±10%	PREC. Fixed	1 B
R621	39 kΩ	¼W	±10%	PREC. Fixed	1 C
R622	39 kΩ	¼W	±10%	PREC. Fixed	1 C
R623	820 Ω	¼W	±10%	PREC. Fixed	1 C
R624	820 Ω	¼W	±10%	PREC. Fixed	1 C
R625	220 kΩ	¼W	±10%	PREC. Fixed	1 B
R626	220 kΩ	¼W	±10%	PREC. Fixed	1 B
R627	18 kΩ	¼W	±10%	PREC. Fixed	1 C
R628	18 kΩ	¼W	±10%	PREC. Fixed	1 C
R629	10 kΩ	¼W	±10%	PREC. Fixed	1 C
R630	10 kΩ	¼W	±10%	PREC. Fixed	1 C
R631	680 kΩ	¼W	±10%	PREC. Fixed	1 B
R632	680 kΩ	¼W	±10%	PREC. Fixed	1 B
R635	4.7 kΩ	¼W	±10%	PREC. Fixed	1 C
R636	4.7 kΩ	¼W	±10%	PREC. Fixed	1 C
C601	1.5 μF			10 VDCW. Ta.	1 A
C602	1.5 μF			10 VDCW. Ta.	1 A
C603	150 pF	±10%		50 VDCW. CER.	1 A
C604	150 pF	±10%		50 VDCW. CER.	1 A
C605	220 μF			6.3 VDCW. ELECT.	1 A
C606	220 μF			6.3 VDCW. ELECT.	1 A
C607	10 μF			10 VDCW. ELECT.	1 B
C608	10 μF			10 VDCW. ELECT.	1 B
C609	30 pF	±10%		50 VDCW.	1 B
C610	30 pF	±10%		50 VDCW.	1 B
C611	10 μF			25 VDCW. ELECT.	1 B
C612	10 μF			25 VDCW. ELECT.	1 B
C613	0.015 μF	±10%		50 VDCW. My.	1 B
C614	0.004 pF	±10%		50 VDCW. My.	1 B
C615	0.004 pF	±10%		50 VDCW. My.	1 B
C616	0.005 pF	±10%		50 VDCW. My.	1 B
C617	0.0047 pF	±10%		50 VDCW. My.	1 B
C618	0.0047 pF	±10%		50 VDCW. My.	1 B
TR601	2SC458LG			Si N-P-N	1 A
TR602	2SC458LG			Si N-P-N	2 A
TR603	2SC281 or (2SC631)			Si N-P-N	1 A
TR604	2SC281 or (2SC631)			Si N-P-N	2 A
TR605	2SC281 or (2SC631)			Si N-P-N	1 B
TR606	2SC281 or (2SC631)			Si N-P-N	2 B

PRINTED CIRCUIT SHEETS AND PARTS LIST

F-1029 〈TONE CONTROL〉

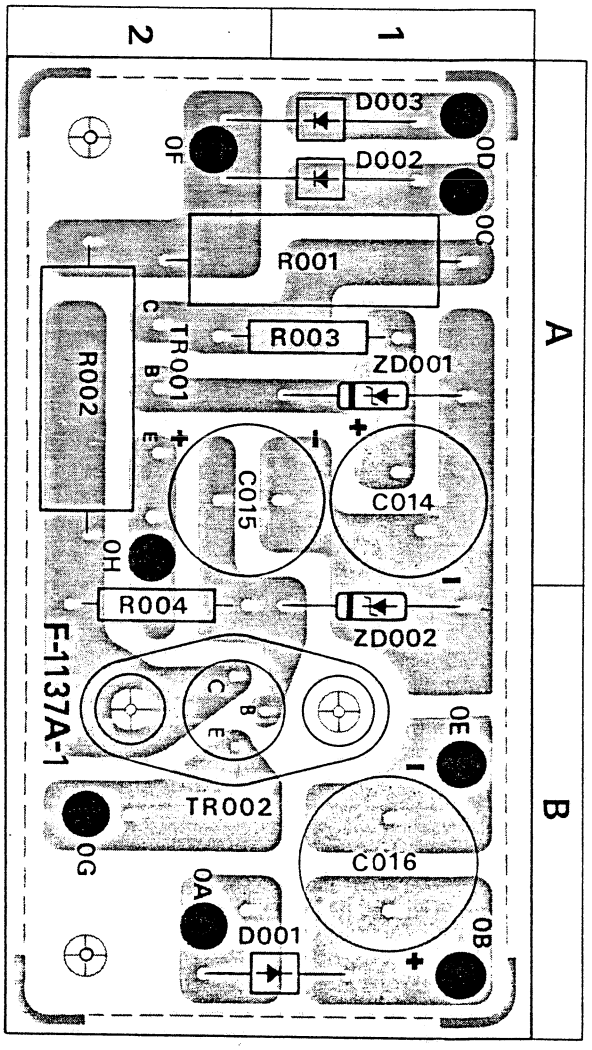


X	Y	Z
R701	1 kΩ ¼W ±10% PREC. Fixed	2 A
R702	1 kΩ ¼W ±10% PREC. Fixed	1 A
R703	47 kΩ ¼W ±10% PREC. Fixed	2 A, B
R704	47 kΩ ¼W ±10% PREC. Fixed	1 A, B
R705	68 kΩ ¼W ±10% PREC. Fixed	2 B
R706	68 kΩ ¼W ±10% PREC. Fixed	1 B
R707	100 kΩ ¼W ±10% PREC. Fixed	1 A
R708	100 kΩ ¼W ±10% PREC. Fixed	1 A
R709	1 kΩ ¼W ±10% PREC. Fixed	1 A, B
R710	1 kΩ ¼W ±10% PREC. Fixed	1 A, B
R711	8.2 kΩ ¼W ±10% PREC. Fixed	1 A, B
R712	8.2 kΩ ¼W ±10% PREC. Fixed	1 A, B
R713	120 kΩ ¼W ±10% PREC. Fixed	1 B
R714	120 kΩ ¼W ±10% PREC. Fixed	1 B
R715	15 kΩ ¼W ±10% PREC. Fixed	2 B
R716	15 kΩ ¼W ±10% PREC. Fixed	1 B, C
R717	2.7 kΩ ¼W ±10% PREC. Fixed	2 B, C
R718	2.7 kΩ ¼W ±10% PREC. Fixed	1 B, C
R719	10 kΩ ¼W ±10% PREC. Fixed	2 C
R720	10 kΩ ¼W ±10% PREC. Fixed	2 C
R721	6.8 kΩ ¼W ±10% PREC. Fixed	2 C
R722	6.8 kΩ ¼W ±10% PREC. Fixed	2 C
R723	150 kΩ ¼W ±10% PREC. Fixed	2 D
R724	150 kΩ ¼W ±10% PREC. Fixed	2 D
R725	22 kΩ ¼W ±10% PREC. Fixed	2 D
R726	22 kΩ ¼W ±10% PREC. Fixed	2 D
R727	10 kΩ ¼W ±10% PREC. Fixed	12 C
R728	10 kΩ ¼W ±10% PREC. Fixed	2 D
R729	6.8 kΩ ¼W ±10% PREC. Fixed	2 C
R730	6.8 kΩ ¼W ±10% PREC. Fixed	1 D
R731	470 kΩ ¼W ±10% PREC. Fixed	1 C
R732	470 kΩ ¼W ±10% PREC. Fixed	1 C
R733	150 kΩ ¼W ±10% PREC. Fixed	1 C
R734	150 kΩ ¼W ±10% PREC. Fixed	1 C
R735	5.6 kΩ ¼W ±10% PREC. Fixed	1 D
R736	5.6 kΩ ¼W ±10% PREC. Fixed	1 D
R737	560Ω ¼W ±10% PREC. Fixed	1 D
R738	560Ω ¼W ±10% PREC. Fixed	1 D
R739	100Ω ¼W ±10% PREC. Fixed	1 D
C701	0.2μF 50 VDCW. My.	1 A
C702	0.2μF 50 VDCW. My.	1 A
C703	20 pF 50 VDCW. CER.	1 B
C704	20 pF 50 VDCW. CER.	1 B
C705	30μF 15 VDCW. ELECT.	1 B
C706	30μF 15 VDCW. ELECT.	1 B
C707	30μF 15 VDCW. ELECT.	1 B
C708	30μF 15 VDCW. ELECT.	1 B, C
C709	3μF 25 VDCW. ELECT.	1 B
C710	3μF 25 VDCW. ELECT.	1 B, C
C711	0.04μF 50 VDCW. My.	2 D
C712	0.04μF 50 VDCW. My.	2 D
C713	0.0015μF 50 VDCW. My.	2 C
C714	0.0015μF 50 VDCW. My.	2 C
C715	0.04μF 50 VDCW. My.	2 D
C716	0.04μF 50 VDCW. My.	2 D

X : Parts No.
Y : Parts Name
Z : Co-ordinates in Printed Circuit Sheets

X	Y		Z
C717	3μF	25 VDCW. ELECT.	1 C
C718	3μF	25 VDCW. ELECT.	1 D
C719	80 pF	50 VDCW. CER.	1 C
C720	80 pF	50 VDCW. CER.	1 C
C721	30μF	15 VDCW. ELECT.	2 D
C722	30μF	15 VDCW. ELECT.	1 C
C723	1μF	50 VDCW. ELECT.	1 D
C724	1μF	50 VDCW. ELECT.	1 D
C725	0.47μF	25 VDCW. ELECT.	1 A
C726	200 pF	25 VDCW. ELECT.	1 D
VR701	250 k(M)	Balance Control (101021)	2 A
VR702	250 k(N)	Balance Control (101021)	2 A
VR703	250 k(B)	Main Control (101020)	2 B
VR704	250 k(B)	Main Control (101020)	2 B
VR705	100 k(B)	Bass Control (102004)	2 D
VR706	100 k(B)	Bass Control (102004)	2 D
VR707	100 k(B)	Treble Control (102004)	2 C
VR708	100 k(B)	Treble Control (102004)	2 C
TR701	2SC693F	Si N-P-N	1 A
TR702	2SC693F	Si N-P-N	1 A
TR703	2SC536E	Si N-P-N	1 B
TR704	2SC536E	Si N-P-N	1 B
TR705	2SC871D	Si N-P-N	1 C
TR706	2SC871D	Si N-P-N	1 C

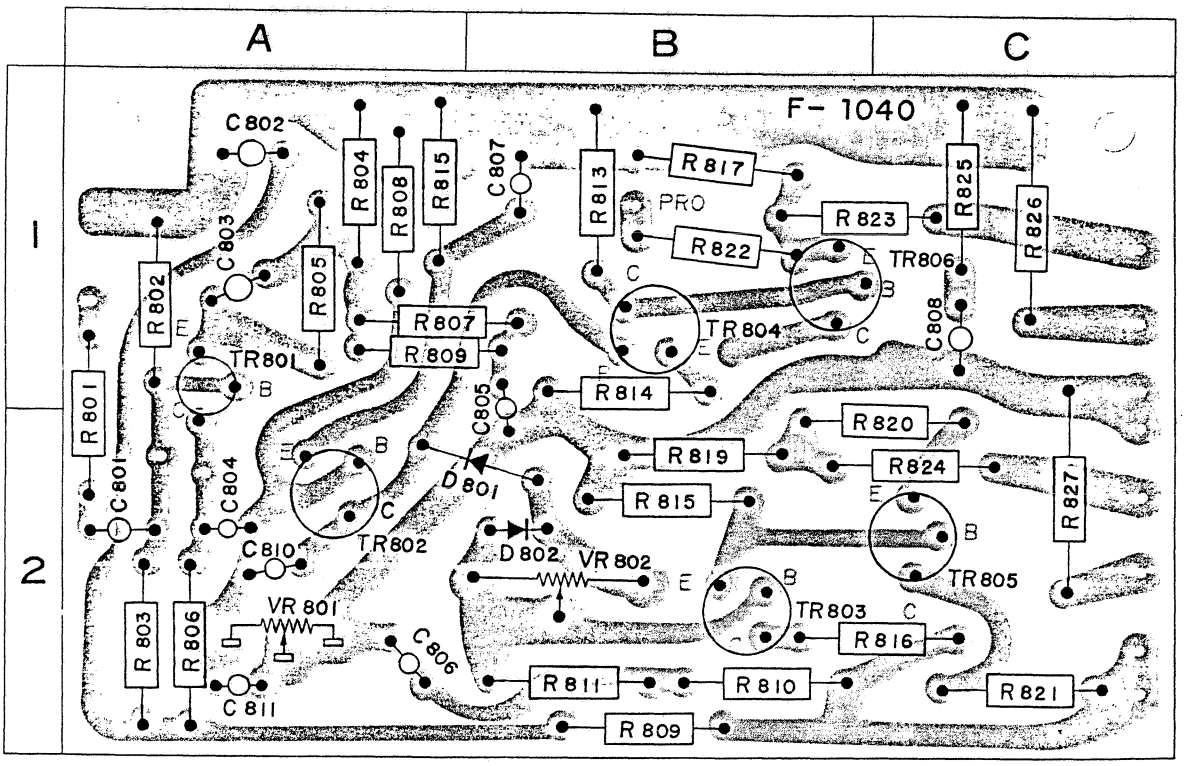
F-1137A-1 〈RIPPLE FILTER〉



X	Y	Z
R001	68Ω 3 W ±10% WW Fixed	
R002	180Ω 3 W ±10% WW Fixed	
R003	3.9 kΩ ½W ±10% WW Solid Fixed	
R004	1.5 kΩ ½W ±10% WW Solid Fixed	
C014	100μF 50 VDCW. ELECT.	
C015	330μF 16 VDCW. ELECT.	
C016	1000μF 10 VDCW. ELECT.	
TR001	2SD72 TR 030812-1	
TR002	2SD223 TR 030823-0～2	
D001	SW-05-02 D 031017	
D002	SW-05-02 D 031017	
D003	SW-05-02 D 031017	
ZD001	ZB1-27 031074	
ZD002	ZB1-13 031073	

PRINTED CIRCUIT SHEETS AND PARTS LIST

F-1040 〈DRIVER AMP.〉

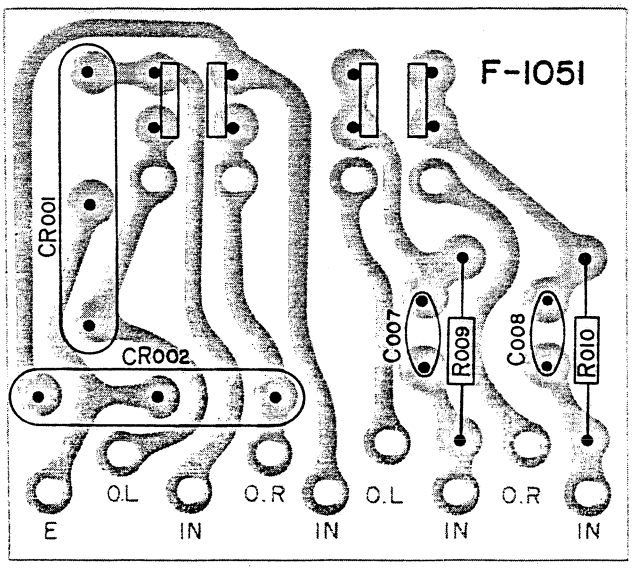


X	Y	Z
R801	2.2kΩ ¼W ±10% COMP. Fixed	1, 2A
R802	220kΩ ¼W ±10% COMP. Fixed	1A
R803	560kΩ ¼W ±10% COMP. Fixed	2A
R804	220Ω ¼W ±10% COMP. Fixed	1A
R805	2.2kΩ ¼W ±10% COMP. Fixed	1A
R806	2.7kΩ ¼W ±10% COMP. Fixed	2A
R807	6.8kΩ ¼W ±10% COMP. Fixed	1A, B
R808	10kΩ ¼W ±10% COMP. Fixed	1A
R809	47kΩ ¼W ±10% COMP. Fixed	1A, B
R810	1kΩ ¼W ±10% COMP. Fixed	
R811	3.3kΩ ¼W ±10% COMP. Fixed	
R812	220Ω ¼W ±10% COMP. Fixed	
R813	120Ω ¼W ±10% COMP. Fixed	1B
R814	4.7Ω ¼W ±10% COMP. Fixed	1B
R815	120Ω ¼W ±10% COMP. Fixed	1A
R816	33Ω ¼W ±10% COMP. Fixed	
R817	100Ω ¼W ±10% COMP. Fixed	
R818	3.3Ω ¼W ±10% COMP. Fixed	
R819	100Ω ¼W ±10% COMP. Fixed	
R820	4.7Ω ¼W ±10% COMP. Fixed	
R821	3.3Ω ¼W ±10% COMP. Fixed	
R822	1kΩ ¼W ±10% COMP. Fixed	1B
R823	3.3Ω ¼W ±10% COMP. Fixed	1B, C
R824	3.3Ω ¼W ±10% COMP. Fixed	
R825	22Ω ¼W ±10% COMP. Fixed	

X	Y	Z
R826	0.3Ω 1W ±10% WW.	
R827	0.3Ω 1W COMP. Fixed	2C
VR801	500kΩ(B) (103050)	2A
VR802	500Ω(B) (103051)	2B
C801	0.5μF 50 VDCW. My.	2A
C802	100μF 35 VDCW. ELECT.	1A
C803	220μF 15 VDCW. ELECT.	1A
C804	1μF 50 VDCW. Ta.	2A
C805	10μF 50 VDCW. ELECT.	1B
C806	33μF 50 VDCW. ELECT.	2A
C807	47μF 15 VDCW. ELECT.	1B
C808	0.05μF 50 VDCW. CER.	1C
C809	100pF 50 VDCW. CER.	1A, B
C810	100pF 50 VDCW. CER.	2A
TR801	2SC458LG(C) Si N-P-N	1A
TR802	2SC756 Si N-P-N	2A
TR803	2SC485 Si N-P-N	2B
TR804	2SA485 Si N-P-N	1B
TR805	2SC756 Si N-P-N	2C
TR806	2SC756 Si N-P-N	1B, C
D801	LV-2 Si Varister (034002)	2A, B
D802	LV-2 Si Varister (034002)	2B

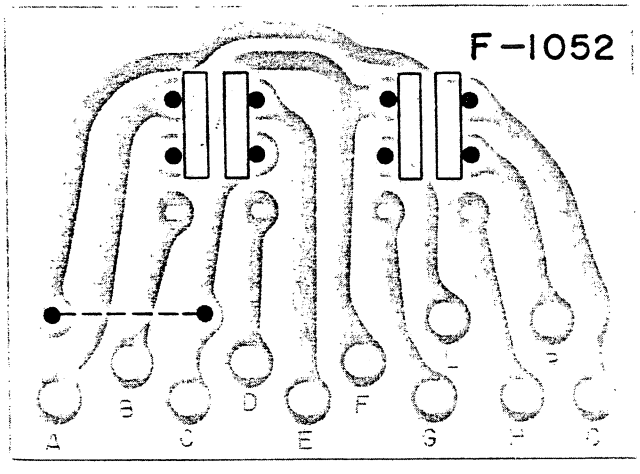
X : Parts No.
Y : Parts Name
Z : Co-ordinates in Printed Circuit Sheets

F-1051 〈HIGH-LOW FILTER〉

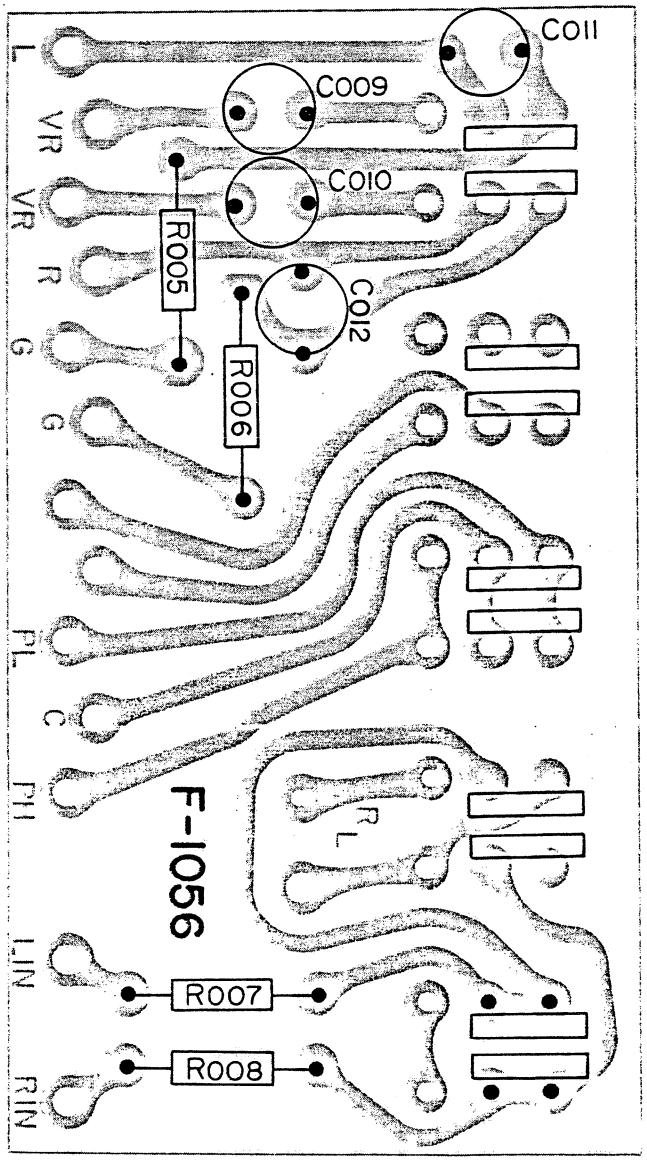


X	Y	Z
R009	470kΩ ¼W ±10% PREC. Fixed	
R010	470kΩ ¼W ±10% PREC. Fixed	
C007	0.0068μF 50 VDCW. My.	
C008	0.0068μF 50 VDCW. My.	
CR001	Low Filter CER.	
CR002	Low Filter CER.	

〈TAPE MONITOR SW〉



F-1056 〈ACCESSORY CIRCUIT〉



X	Y	Z
R005	33kΩ ¼W ±10% PREC. Fixed	
R006	33kΩ ¼W ±10% PREC. Fixed	
R007	8.2kΩ ¼W ±10% PREC. Fixed	
R008	8.2kΩ ¼W ±10% PREC. Fixed	
C009	0.022μF 50 VDCW. My.	
C010	0.022μF 50 VDCW. My.	
C011	150pF 50 VDCW. Mc.	
C012	150pF 50 VDCW. Mc.	

PRINTED CIRCUIT SHEETS AND PARTS LIST

F-1085

X	Y		Z
C101	15 pF ± 5 % NPO 50 VDCW. CER.		①
C102	1000 pF $^{+100}_{-0}$ % NPO 50 VDCW. CER.		②
C103	1000 pF $^{+100}_{-0}$ % NPO 50 VDCW. CER.		④
C104	0.02μF $^{+100}_{-0}$ % NPO 50 VDCW. CER.		③
C105	1000 pF $^{+100}_{-0}$ % NPO 50 VDCW. CER.		④
C106	2000 pF $^{+100}_{-0}$ % NPO 50 VDCW. CER.		⑤
C107	1000 pF $^{+100}_{-0}$ % NPO 50 VDCW. CER.		②
C108	15 pF ± 5 % NPO 50 VDCW. CER.		①
C109	1000 pF $^{+100}_{-0}$ % NPO 50 VDCW. CER.		⑥
C110	0.02μF $^{+100}_{-0}$ % NPO 50 VDCW. CER.		③
C111	1000 pF $^{+100}_{-0}$ % NPO 50 VDCW. CER.		⑥
C112	2000 pF $^{+100}_{-0}$ % NPO 50 VDCW. CER.		⑤
C113	1000 pF $^{+100}_{-0}$ % NPO 50 VDCW. CER.		②
C114	15 pF ± 5 % NPO 50 VDCW. CER.		①
C115	1 pF ± 5 % 50 VDCW GIMMICK.		⑦
C116	470 pF ±20% 50 VDCW. CER.		⑧
C117	1000 pF $^{+100}_{-0}$ % 50 VDCW. CER.		⑥
C118	120 pF ±10% 50 VDCW. CER.		⑨
C119	0.02μF $^{+100}_{-0}$ % 50 VDCW. CER.		⑩
C120	180 pF ±10% 50 VDCW. CER.		⑪
C121	330 pF ±10% 50 VDCW. CER.		⑫
C122	1000 pF $^{+100}_{-0}$ % 50 VDCW. CER.		⑥
C123	17 pF ±10% N80 50 VDCW. CER.		⑬
C124	1000 pF $^{+100}_{-0}$ % 50 VDCW. CER.		②
C125	100 pF $^{+100}_{-0}$ % 50 VDCW. CER.		⑭
C126	8.2 pF ± 5 % NPO 50 VDCW. CER.		⑮
C127	100 pF $^{+100}_{-0}$ % 50 VDCW. CER.		⑭
C128	22 pF ± 5 % NPO 50 VDCW. CER.		⑯
R101	220 kΩ ±10% ¼W SOLID.		⑰
R102	470 kΩ ±10% ¼W SOLID.		⑱
R103	100Ω ±10% ¼W SOLID.		⑲
R104	220 kΩ ±10% ¼W SOLID.		⑰
R105	470 kΩ ±10% ¼W SOLID.		⑱
R106	100Ω ±10% ¼W SOLID.		⑲
R107	120Ω ±10% ¼W SOLID.		⑳
R108	470 kΩ ±10% ¼W SOLID.		⑱
R109	220 kΩ ±10% ¼W SOLID.		⑰
R111	100 kΩ ±10% ¼W SOLID.		㉑
R112	15 kΩ ±10% ¼W SOLID.		㉒
R113	270Ω ±10% ¼W SOLID.		㉓
R114	120Ω ±10% ¼W SOLID.		⑳
R115	3.9 kΩ ±10% ¼W SOLID.		㉔
R116	120Ω ±10% ¼W SOLID.		㉕
R117	6.8 kΩ ± 5 % ¼W SOLID.		㉖
R118	2.2 kΩ ± 5 % ¼W SOLID.		㉗
R119	1.5 kΩ ±10% ¼W SOLID.		㉘
FET101	3SK35(3SK36)	(0370070)	㉙
FET102	3SK35(3SK36)	(0370070)	㉙

X	Y		Z
FET103	3SK35(3SK36)	(0370070)	㉚
TR101	SE 3001	(030541)	㉛
L101	FM ANT COIL		㉜
L102	FM INTERSTAGE COIL		㉝
L103	FM INTERSTAGE COIL		㉞
L104	FM OSC COIL		㉟
L105	FM IF TRANSF		㊱
L106	RF CHOKE COIL		
TC101	2～6pF TRIM	(123004)	㊳
TC102	2～6pF TRIM	(123004)	㊳
TC103	0.5～3pF TRIM	(123002)	㊴
TC104	2～6pF TRIM	(123004)	㊳
TC105	2～5pF TRIM	(123003)	㊵
VC101～104	4 SEC GANG		㊶

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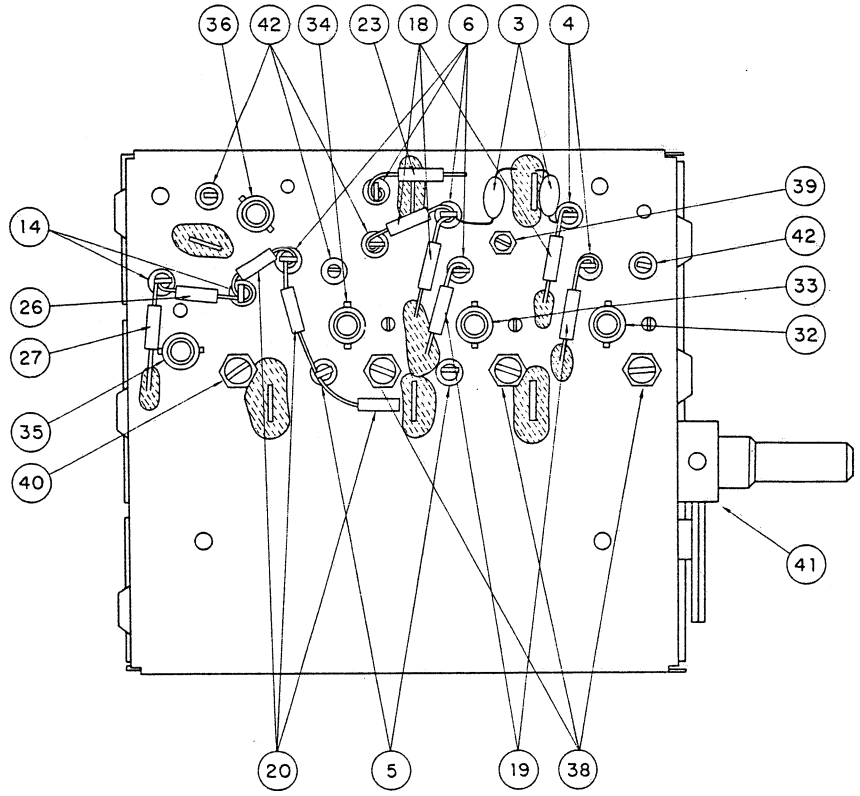
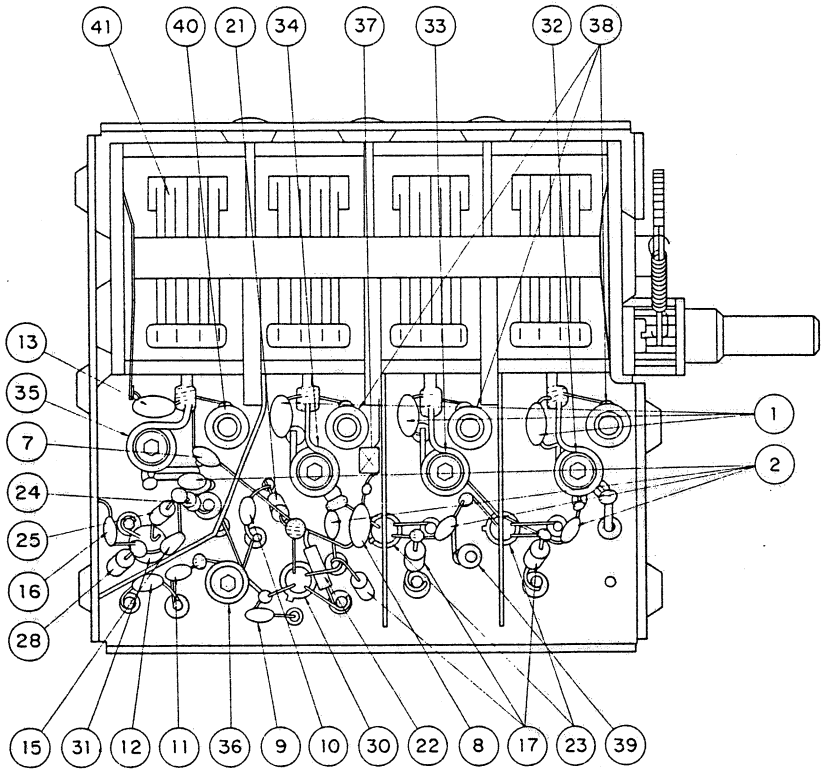
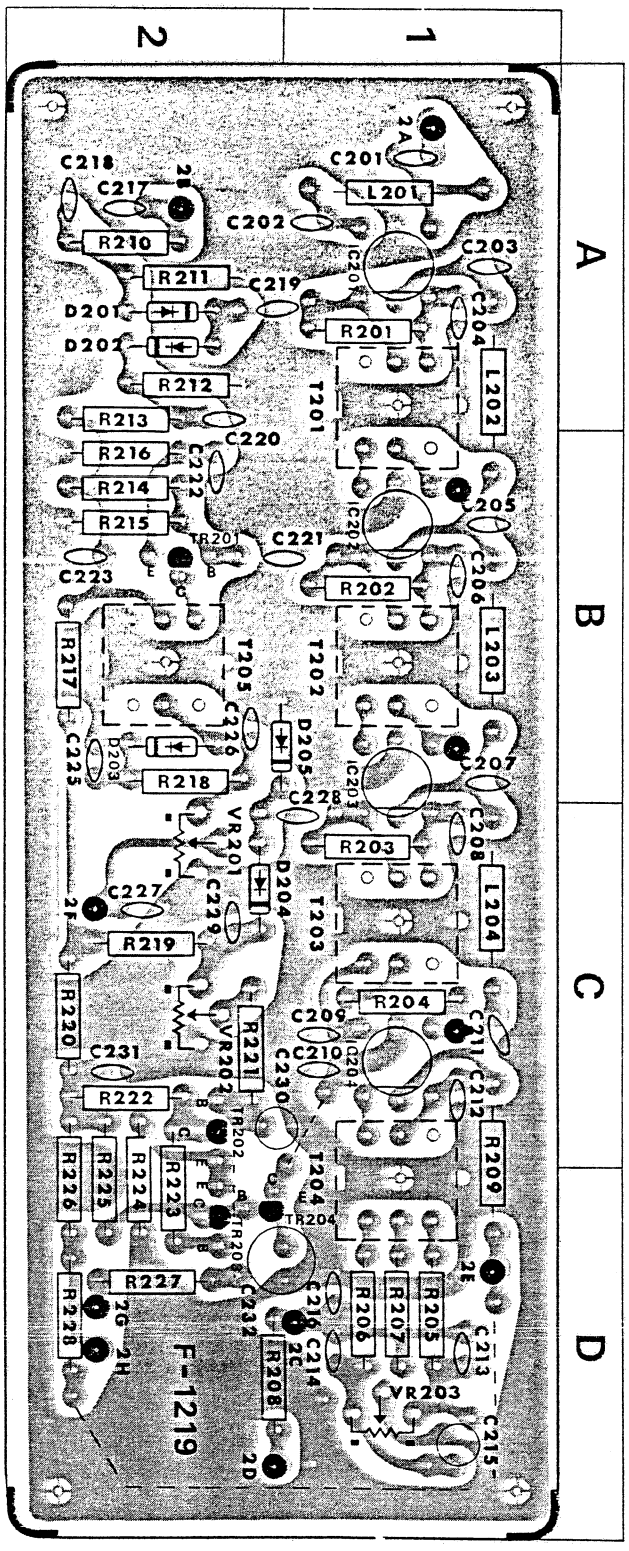




PRINTED CIRCUIT SHEETS AND PARTS LIST

F-1219 〈FM IF〉



X	Y				Z
R201	15kΩ	¼W	±10%	PREC. Fixed	1 A
R202	15kΩ	¼W	±10%	PREC. Fixed	1 B
R203	15kΩ	¼W	±10%	PREC. Fixed	1 C
R204	68Ω	¼W	±10%	PREC. Fixed	1 C
R205	1kΩ	¼W	±10%	PREC. Fixed	1 D
R206	1kΩ	¼W	±10%	PREC. Fixed	1 D
R207	56Ω	¼W	±10%	PREC. Fixed	1 D
R208	22kΩ	¼W	±10%	PREC. Fixed	2 D
R209	56Ω	¼W	±10%	PREC. Fixed	1 C, D
R210	100kΩ	¼W	±10%	PREC. Fixed	2 A
R211	220kΩ	¼W	±10%	PREC. Fixed	2 A
R212	3.9kΩ	¼W	±10%	PREC. Fixed	2 A
R213	68kΩ	¼W	±10%	PREC. Fixed	2 A
R214	22kΩ	¼W	±10%	PREC. Fixed	2 B
R215	10kΩ	¼W	±10%	PREC. Fixed	2 B
R216	1kΩ	¼W	±10%	PREC. Fixed	2 B
R217	22Ω	¼W	±10%	PREC. Fixed	2 B
R218	2.2kΩ	¼W	±10%	PREC. Fixed	2 B
R219	1MΩ	¼W	±10%	PREC. Fixed	2 C
R220	4.7Ω	¼W	±10%	PREC. Fixed	2 C
R221	47kΩ	¼W	±10%	PREC. Fixed	2 C
R222	6.8kΩ	¼W	±10%	PREC. Fixed	2 C
R223	2.7kΩ	¼W	±10%	PREC. Fixed	2 C, D
R224	150Ω	¼W	±10%	PREC. Fixed	2 C, D
R225	6.8kΩ	¼W	±10%	PREC. Fixed	2 C, D
R226	22Ω	¼W	±10%	PREC. Fixed	2 C, D
R227	100kΩ	¼W	±10%	PREC. Fixed	2 D
R228	22Ω	¼W	±10%	PREC. Fixed	2 D
C201	0.001μF		25 VDCW.	CER.	1 A
C202	0.02μF		25 VDCW.	CER.	1 A
C203	0.02μF		25 VDCW.	CER.	1 A
C204	0.02μF		25 VDCW.	CER.	1 A
C205	0.02μF		25 VDCW.	CER.	1 B
C206	0.02μF		25 VDCW.	CER.	1 B
C207	0.02μF		25 VDCW.	CER.	1 B
C208	0.02μF		25 VDCW.	CER.	1 C
C209	0.02μF		25 VDCW.	CER.	1 C
C210	0.02μF		25 VDCW.	CER.	1 C
C211	0.02μF		25 VDCW.	CER.	1 C
C212	0.02μF		25 VDCW.	CER.	1 C
C213	220 pF		50 VDCW.	CER.	1 D
C214	220 pF		50 VDCW.	CER.	1 D
C215	10μF		10 VDCW.	ELECT.	1 D
C216	47 pF		50 VDCW.	CER.	1 D
C217	0.05μF		25 VDCW.	CER.	2 A
C218	0.02μF		25 VDCW.	CER.	2 A
C219	4.7 pF		50 VDCW.	CER.	1, 2 A
C220	0.02μF		25 VDCW.	CER.	2 A
C221	2.2 pF		50 VDCW.	CER.	1, 2 B
C222	0.02μF		25 VDCW.	CER.	2 B
C223	0.02μF		25 VDCW.	CER.	2 B
C225	0.02μF		25 VDCW.	CER.	2 B
C226	0.02μF		25 VDCW.	CER.	2 B
C227	0.05μF		25 VDCW.	CER.	2 C
C228	2.2 pF		50 VDCW.	CER.	1, 2 C

X: Parts No.
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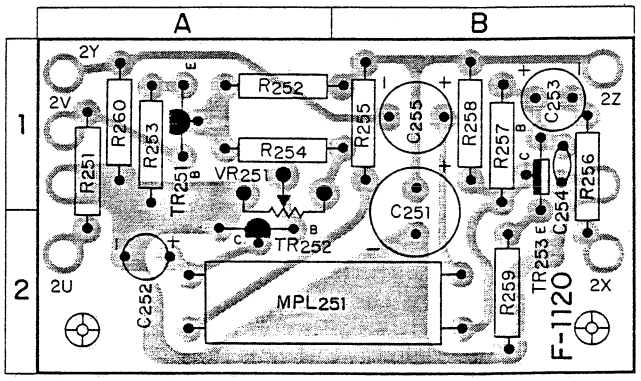
X	Y			Z
C229	0.02μF	25 VDCW.	CER.	2 C
C230	1μF	50 VDCW.	ELECT.	1, 2 C
C231	0.02μF	25 VDCW.	CER.	2 C
C232	33μF	16 VDCW.	ELECT.	1, 2 D
TR201	2SC380(O)		(030533)	2 B
TR202	2SC828(T)		(030527)	2 C
TR203	2SC828(T)		(030527)	2 D
TR204	2SC828(T)		(030527)	1, 2 D
IC201	PA7703E		(036003)	1 A
IC202	PA7703E		(036003)	1 B
IC203	PA7703E		(036003)	1 B
IC204	PA7703E		(036003)	1 C
D201	IN60		(031033-1)	2 A
D202	IN60		(031033-1)	2 A
D203	IN60		(031033-1)	2 B
D204	IN60		(031033-1)	2 C
D205	IN60		(031033-1)	1, 2 B
T201	FM IF 10.7MHz		(423547)	1 A, B
T202	FM IF 10.7MHz		(423548)	1 B
T203	FM IF 10.7MHz		(423549)	1 C
T204	FM Detector Transformer		(423518)	1 C, D
T205	FM Meter Transformer		(423529)	2 B
L201	18μH			1 A
L202	3.5μH		(429001-1)	1 A
L203	3.5μH		(429001-1)	1 B
L204	3.5μH		(429001-1)	1 C
VR201	50kΩ(B)		(103020)	2 C
VR202	100kΩ(B)		(103034)	2 C
VR203	20kΩ(B)		(103046)	1 D

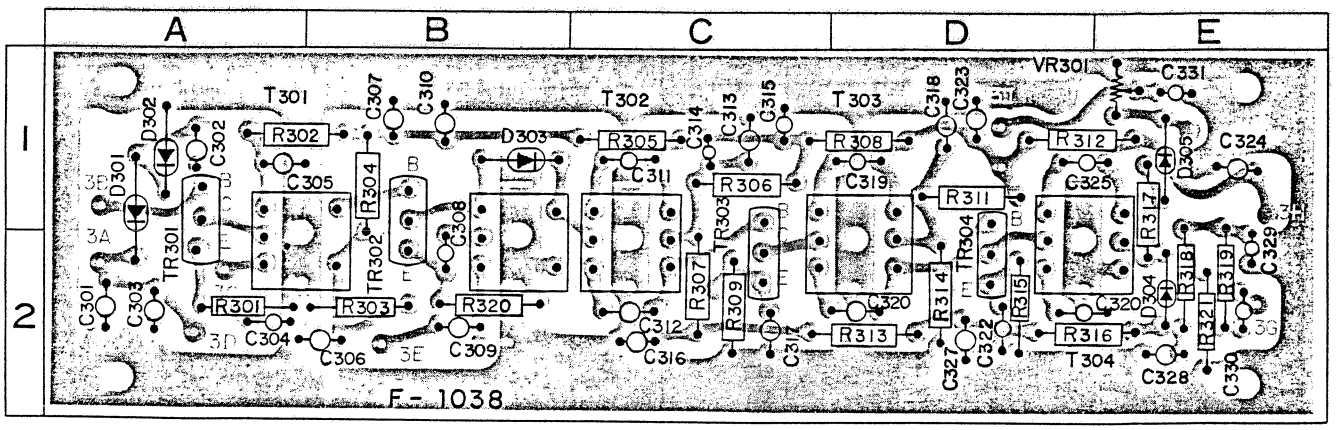
F-1120



X	Y				Z
R256	1kΩ	¼W	±10%	Carbon Fixed	1 B
R257	220kΩ	¼W	±10%	Carbon Fixed	1 B
R258	2.2kΩ	¼W	±10%	Carbon Fixed	1 B
R259	1kΩ	¼W	±10%	Carbon Fixed	2 B
C253	3.3μF		25 VDCW.	ELECT.	1 B
C254	100pF	±20%	50 VDCW.	CER.	1 B
TR253	2SC458LB	TR		(030511-1)	2 B

PRINTED CIRCUIT SHEETS AND PARTS LIST

F-1038 〈AM IF〉

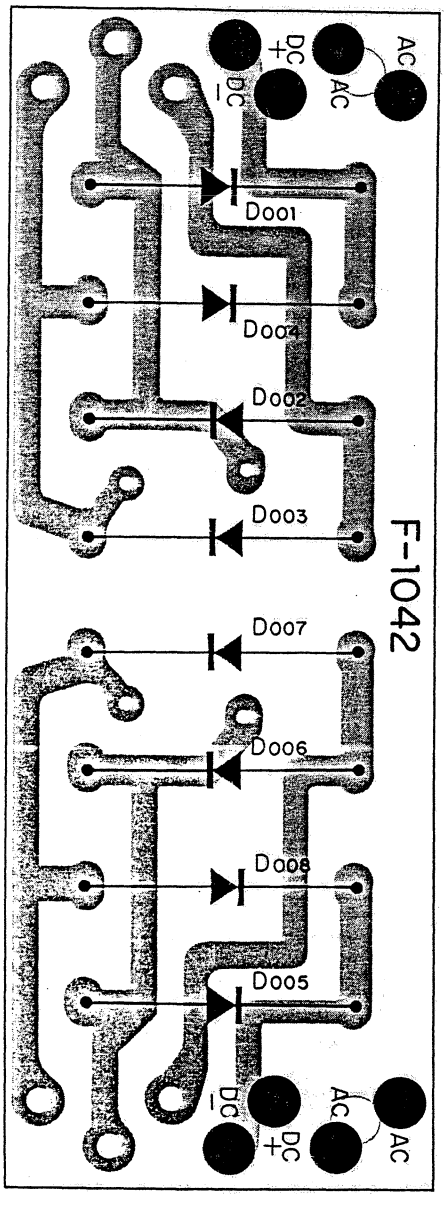


X	Y	Z
R301	1kΩ ¼W ±10% PREC. Fixed	2A
R302	100Ω ¼W ±10% PREC. Fixed	1A, B
R303	3.9kΩ ¼W ±10% PREC. Fixed	2B
R304	33kΩ ¼W ±10% PREC. Fixed	1B
R305	100Ω ¼W ±10% PREC. Fixed	1C
R306	68kΩ ¼W ±10% PREC. Fixed	1C
R307	22Ω ¼W ±10% PREC. Fixed	2C
R308	22Ω ¼W ±10% PREC. Fixed	1D
R309	1kΩ ¼W ±10% PREC. Fixed	2C
R311	10kΩ ¼W ±10% PREC. Fixed	1D
R312	22Ω ¼W ±10% PREC. Fixed	1D, E
R313	100Ω ¼W ±10% PREC. Fixed	2D
R314	6.8kΩ ¼W ±10% PREC. Fixed	2D
R315	470Ω ¼W ±10% PREC. Fixed	2D
R316	8.2kΩ ¼W ±10% PREC. Fixed	2D, E
R317	1kΩ ¼W ±10% PREC. Fixed	1, 2E
R318	1kΩ ¼W ±10% PREC. Fixed	2E
R319	120kΩ ¼W ±10% PREC. Fixed	2E
R320	1kΩ ¼W ±10% PREC. Fixed	2B
R321	47kΩ ¼W ±10% PREC. Fixed	2E
VR301	20kΩ (103019)	1E
C301	0.04μF 50 VDCW. CER.	2A
C302	0.04μF 50 VDCW. CER.	1A
C303	100μF 6 VDCW. ELECT.	2A
C304	0.02μF 50 VDCW. CER.	2A
C305	0.04μF 50 VDCW. CER.	1A
C306	0.04μF 50 VDCW. CER.	2B
C307	100μF 15 VDCW. ELECT.	1B
C308	0.01μF 50 VDCW. My.	1B
C309	430 pF 50 VDCW. Mc.	2B
C310	0.02μF 50 VDCW. CER.	1B
C311	500 pF 50 VDCW. Mc.	1C
C312	500 pF 50 VDCW. Mc.	2C

X	Y	Z
C313	5μF 15 VDCW. ELECT.	1C
C314	0.02μF 50 VDCW. CER.	1C
C315	0.02μF 50 VDCW. CER.	1C
C316	0.04μF 50 VDCW. CER.	2C
C317	50μF 6 VDCW. ELECT.	2C
C318	0.02μF 50 VDCW. CER.	1D
C319	500 pF 50 VDCW. Mc.	1D
C320	500 pF 50 VDCW. Mc.	2D
C322	0.04μF 50 VDCW. CER.	2D
C323	0.02μF 50 VDCW. CER.	1D
C324	200μF 15 VDCW. ELECT.	1E
C325	500 pF 50 VDCW. Mc.	1D, E
C326	500 pF 50 VDCW. Mc.	2D, E
C327	0.02μF 50 VDCW. CER.	2D
C328	0.02μF 50 VDCW. My.	2E
C329	0.01μF 50 VDCW. My.	2E
C330	0.04μF 50 VDCW. CER.	2E
C331	10μF 6 VDCW. ELECT.	1E
D301	IN60	1A
D302	IN60	1A
D303	IN60	1B
D304	IN60	2E
D306	IN60	1E
TR301	2SC460 or 2SC461(C) Si N-P-N	1, 2A
TR302	2SC460 Si N-P-N	1, 2B
TR303	2SC460 Si N-P-N	1, 2C
TR304	2SC460 or 2SC461(C) Si N-P-N	1, 2D
T301	AMRF (421005)	1, 2A B
T302	AMOSC (422007)	1, 2B
T303	AM IFT 455kHz (423019)	1, 2C
T304	AM IFT 455kHz (423019)	1, 2C D
T305	AM IFT 455kHz (423018)	1, 2D E

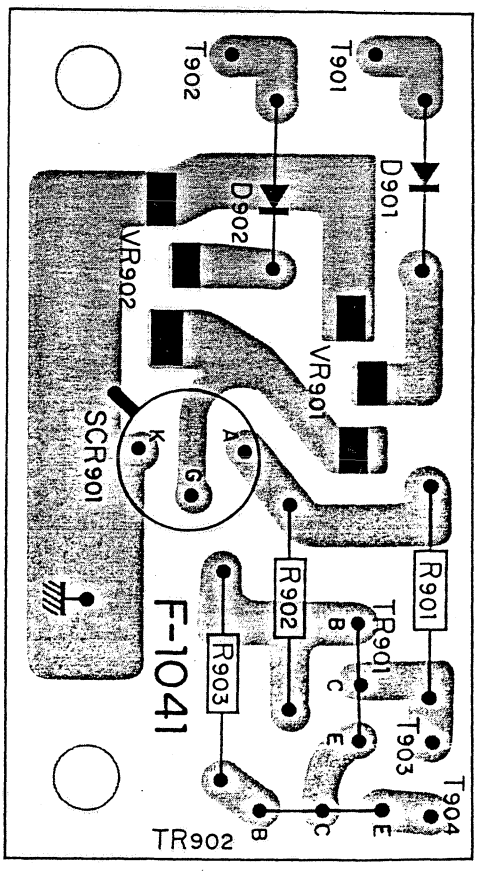
X: Parts No.
Y: Parts Name
Z: Co-ordinates in Printed Circuit Sheets

F-1042 〈DIODES STACK〉



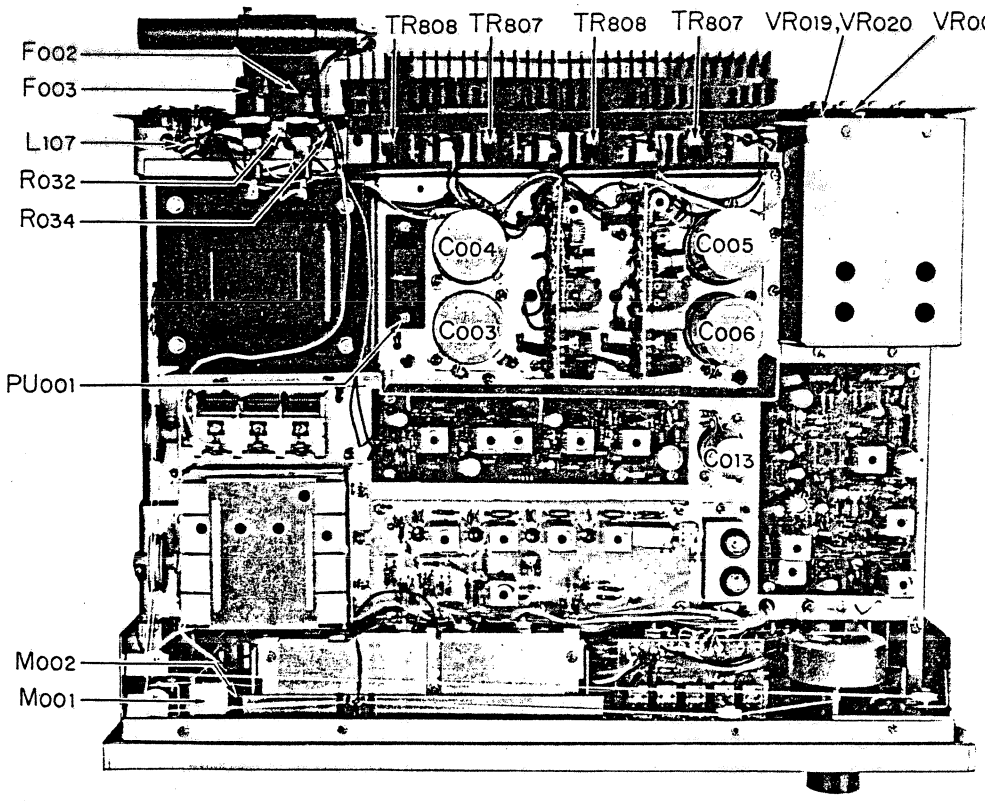
X	Y	Z
D001	SW-1-02 (031055)	
D002	SW-1-02 (031055)	
D003	SW-1-02 (031055)	
D004	SW-1-02 (031055)	
D005	SW-1-02 (031055)	
D006	SW-1-02 (031055)	
D007	SW-1-02 (031055)	
D008	SW-1-02 (031055)	

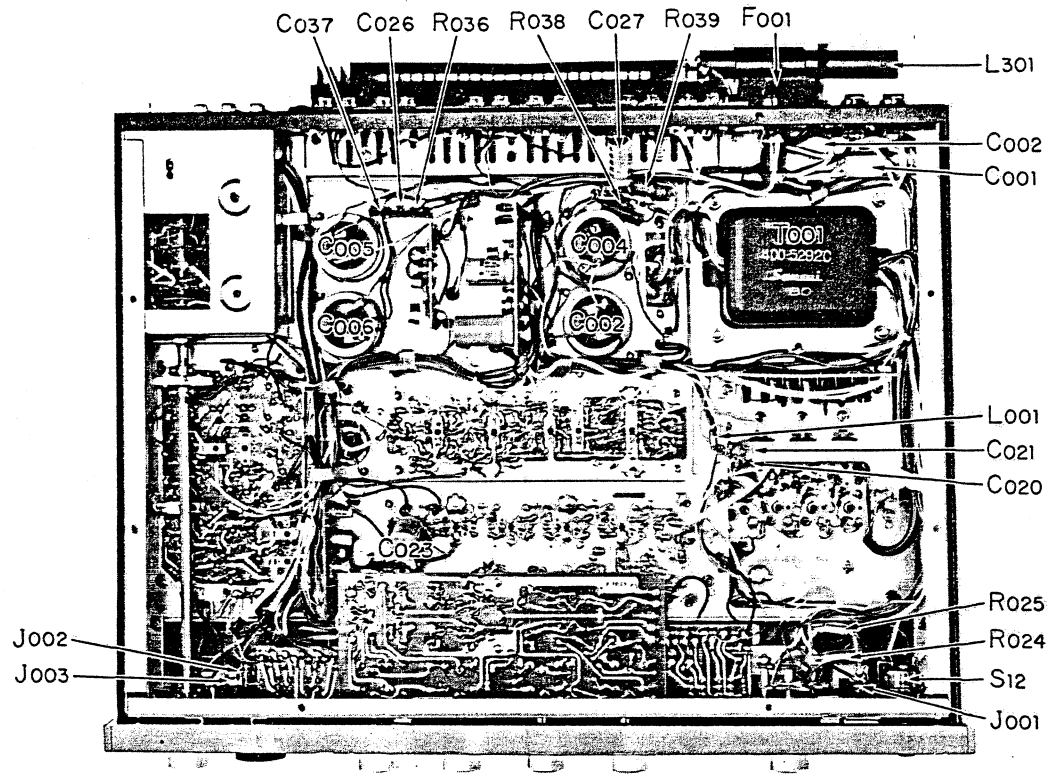
F-1041 〈PROTECTOR〉



X	Y	Z
R901	2.2Ω ¼W ±10% COMP. Fixed	
R902	10Ω ¼W ±10% COMP. Fixed	
R903	10Ω ¼W ±10% COMP. Fixed	
VR901	2kΩ (B) Semi-Variable	
VR902	2kΩ (B) Semi-Variable	
D901	IN60 (031033)	
D902	IN60 (031033)	
SCR901	2SF521 (035003)	
TR901	2SC458 L (B) (030542)	
TR902	2SC458 L (B) (030542)	

OTHER PARTS AND THEIR POSITION ON CHASSIS



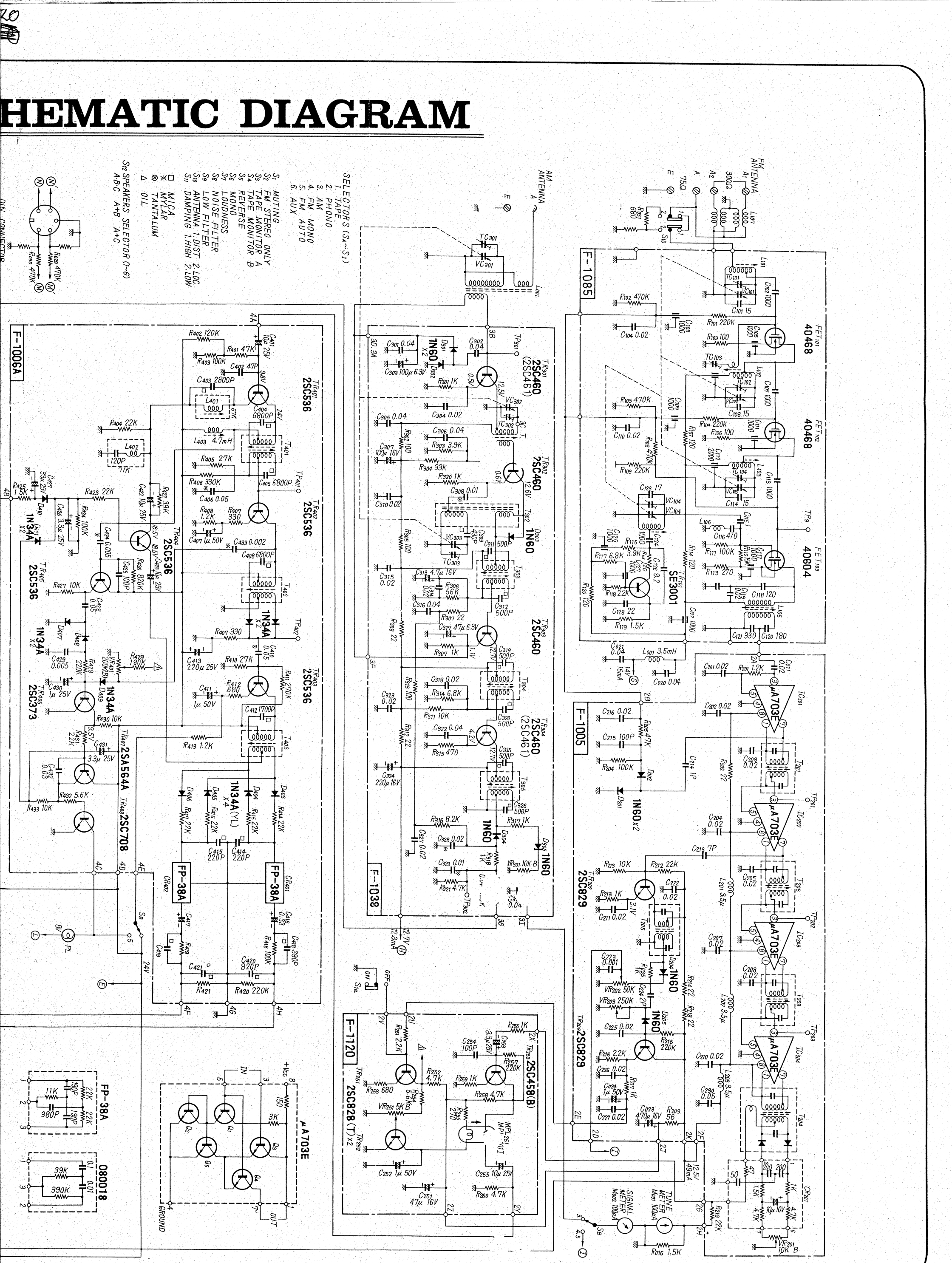


SANSUI 5000A SCHEM

ALL RESISTERS 1/4 WATT UNLESS OTHERWISE NOTED

* All rights reserve specifications subject to change without notice.

HEMATIC DIAGRAM



SANSUI ELECTRIC COMPANY LIMITED
Printed in Japan (49051M)

* Manufacturer reserves right to change design and/or specifications without notice for purpose of improvement.

X: Parts No.
Y: Parts Name

X	Y
R005	33kΩ ¼W ±10% PREC. Fixed
R006	33kΩ ¼W ±10% PREC. Fixed
R007	8.2kΩ ¼W ±10% PREC. Fixed
R008	8.2kΩ ¼W ±10% PREC. Fixed
R009	470kΩ ¼W ±10% PREC. Fixed
R010	470kΩ ¼W ±10% PREC. Fixed
R011	150kΩ ¼W ±10% PREC. Fixed
R012	150kΩ ¼W ±10% PREC. Fixed
R013	12kΩ ¼W ±10% PREC. Fixed
R014	12kΩ ¼W ±10% PREC. Fixed
R015	22kΩ ¼W ±10% PREC. Fixed
R017	22kΩ ¼W ±10% PREC. Fixed
R018	22kΩ ¼W ±10% PREC. Fixed
R019	22kΩ ¼W ±10% PREC. Fixed
R020	22kΩ ¼W ±10% PREC. Fixed
R022	68kΩ ¼W ±10% PREC. Fixed
R023	68kΩ ¼W ±10% PREC. Fixed
R024	680Ω 1 W ±10% Carbon Fixed
R025	680Ω 1 W ±10% Carbon Fixed
R026	18Ω ¼W ±10% PREC. Fixed
R027	100kΩ ¼W ±10% PREC. Fixed
R028	100kΩ ¼W ±10% PREC. Fixed
R029	470kΩ ¼W ±10% PREC. Fixed
R030	470kΩ ¼W ±10% PREC. Fixed
R031	680Ω ¼W ±10% PREC. Fixed
R032	56Ω ¼W ±10% PREC. Fixed
R033	0.3Ω 5 W ±10% WW
R034	0.3Ω 5 W ±10% WW
R035	1kΩ ¼W ±10% PREC. Fixed
R036	6.8kΩ ¼W ±10% PREC. Fixed
R037	6.8kΩ ¼W ±10% PREC Fixed
R038	680Ω 3 W ±10% WW
R039	150Ω ½W ±10% PREC. Fixed
R040	33kΩ ¼W ±10% PREC. Fixed
R041	33kΩ ¼W ±10% PREC. Fixed
R042	47Ω ¼W ±10% PREC. Fixed
R913	470Ω ¼W ±10% PREC. Fixed
C001	0.033μF ±20% 600 VDCW. Oil
C002	0.0047μF ±20% 600 VDCW. Oil
C003	1500μF +100 −0% 90 VDCW. ELECT.
C004	1500μF +100 −0% 90 VDCW. ELECT.
C005	2200μF +100 −0% 80 VDCW. ELECT.
C006	2200μF +100 −0% 80 VDCW. ELECT.
C007	0.0047μF ±10% 50 VDCW. My.
C008	0.0047μF ±10% 50 VDCW. My.
C009	150pF ±10% 50 VDCW. Mc.
C010	150pF ±10% 50 VDCW. Mc.
C011	0.02μF ±10% 50 VDCW. My.
C012	0.02μF ±10% 50 VDCW. My.
C013	1000μF +100 −0% 50 VDCW. ELECT. (020528)
C019	0.002μF ±10% 50 VDCW. ELECT.
C020	220μF +100 −0% 16 VDCW. ELECT.
C021	0.04μF +100 −0% 50 VDCW. CER.
C022	470μF +100 −0% 25 VDCW. ELECT.
C023	470μF +100 −0% 15 VDCW. ELECT.

X	Y
C024	1μF +100 −0% 50 WV ELECT.
C025	70pF +100 −0% 50 WV CER.
C026	70pF +100 −0% 50 WV CER.
C027	330μF +100 −0% 16 WV ELECT.
TR807,808	2SD118 Si N-P-N
TR807,808	2SD118 Si N-P-N
D004	IN60 Ge Diode
D005	IN60 Ge Diode
Z003	ZBI-14
PL001	25V 90mA Protector indicator (040007)
PL002	8V 150mA Stereo Indicator Lamp (340005)
PL003	6.3V 250mA Power Indicator Lamp (040009)
PL004	6.3V 250mA Power Indicator Lamp (040009)
PL005	6.3V 250mA Tape Indicator Lamp (040009)
PL006	6.3V 250mA Phono Indicator Lamp (040009)
PL007	6.3V 250mA Dial Indicator Lamp (040009)
PL008	6.3V 250mA Dial Indicator Lamp (040009)
PL009	6.3V 250mA Dial Indicator Lamp (040009)
PL010	6.3V 250mA Dial Indicator Lamp (040009)
PL011	6.3V 250mA Dial Indicator Lamp (040009)
PL012	6.3V 250mA Aux Indicator Lamp (040009)
PL013	5V 60mA Needle Indicator Lamp (040010)
CO001	AC Outlet (245002)
CO002	AC Outlet (245002)
PU001	Line Voltage Controller (241008, 241009)
M001	200μA Tune Meter
M002	200μA Signal Meter (090022)
L301	AM Ferrite Bar Antenna 240μH (420014)
T001	Power Transformer (400025)
F001	5A Power Fuse (043006)
F002	5A Quick Acting Fuse (043014)
F003	5A Quick Acting Fuse (043014)
S(1~10)	Selector (110504)
S1a	Muting
S2a	FM Stereo Only
S3(a~b)	Tape Monitor A (113007)
S4(a~b)	Tape Monitor B (113007)
S5(a~b)	Reverse
S6(a~b)	Mono
S7(a~b)	Loudness
S8(a~b)	HIGH Filter (113007)
S9(a~b)	Low Filter (113007)
S10	FM Attenuator (111004)
S11	Damping Switch (111009)
S2a~b	Speaker Selector Switch (110208)
S12	Power Switch (113009)
J001	Head Phone Jack (243007)
J002	Tape Recording Jack B (243006)
J003	Tape Monitor Jack B (243006)
VR001	5kΩ(B) Separation Adjust (100501)
VR019	50kΩ(B) Level Adjust (101501)
VR020	50kΩ(B) Level Adjust (101501)